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Lancaster Farming

VOL. 15 NO 32 | Lancaster Farming, Saturday, July 4, 1970 | $2.00 Per Year

In Contests at Annual State Convention

Many Area FFA Youths Win Awards

Some 15 Lancaster County FFA members took top gold medal awards in judging events and contests at the annual state FFA convention at Penn State this week

Several York and Chester County youths also received top awards

Of the approximately 1,200 FFA members and voag teachers attending the convention 108 were from nine chapters in Lancaster County, while York had 54 from eight chapters and Chester 33 from four chapters

Robert H Good of Red Lion was the only new state officer from the area Good was chosen as regional vice president

Dairying Judging

In the events Wednesday morning, Lancaster County youths made a particularly strong showing in the Dairy Cattle Judging event Six county youths were in the top 20 out of 202 contestants and got gold medals, according to information from area FFA officials

Nelson Martin of Grassland FFA Chapter New Holland made the strongest showing He won third place and a trip to the national contest in Kansas City

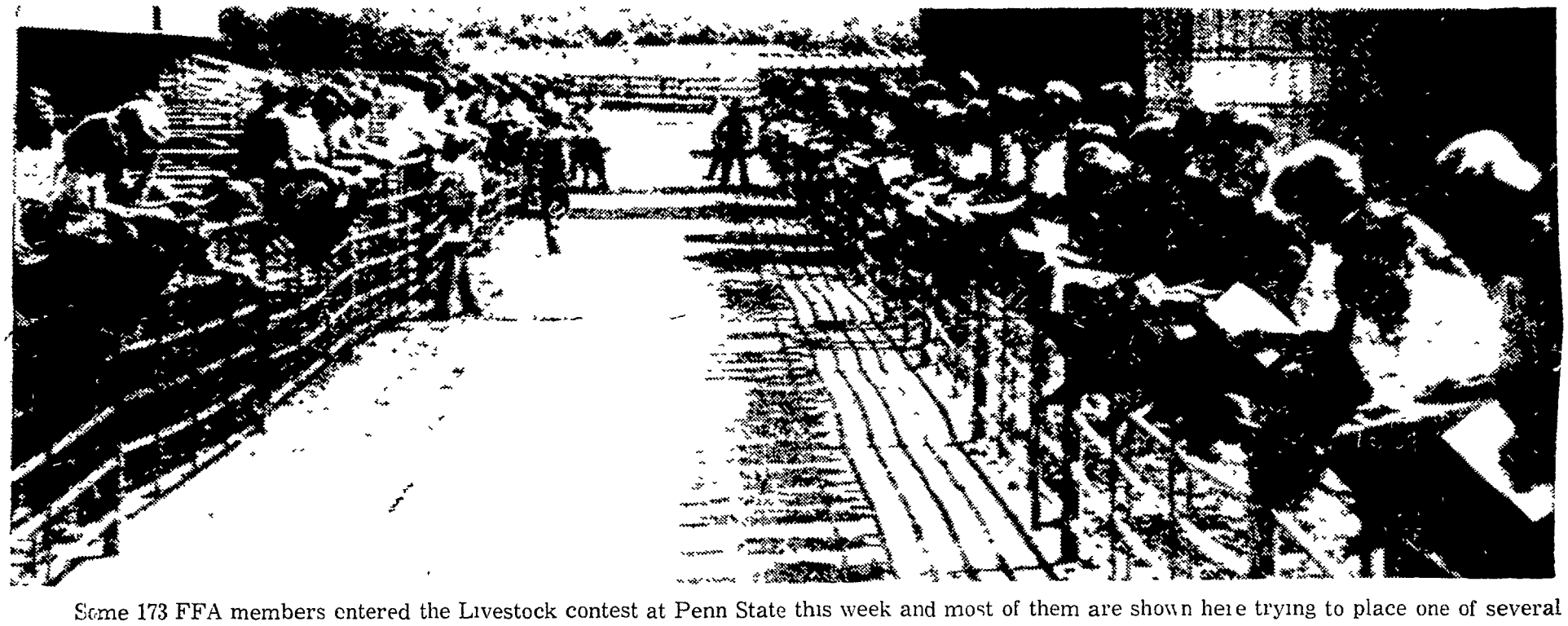
Other gold medal winners in the Dairy Cattle event were

Dale Bollinger, Solanco ninth a trip to the Atlantic Rural Exposition in Richmond, Va

Dwight Hoover, Pequea Valley, fourteenth, Robert Hess, Garden Spot, tied for eighteenth

Silver medal winners in Dairy Cattle were William Brown, South Western, York County, Carl Yoder, O J. Strasburg sixteenth Jay Zimmerman, Cloister FFA, Ephrata, and Donald Breneman,

(Continued on Page 8)



Some 173 FFA members entered the Livestock contest at Penn State this week and most of them are shown here trying to place one of several calves in the right USDA grade slot.

Commonwealth Bank Creates Farm Loan Subsidiary

Directors of the new Commonwealth National Agri-Loan Corporation are front, left to right, Spencer G Hall, Herman E. Stebbins, Noah W Kreider, John R. Biechler, and Edward B Wagman Back, Amos H. Funk, Donald E Horn, John D Cope, Paul B Whipple and Harry Wallick Also a director but not present for the photo is George L Morrison Jr

The Commonwealth National Bank has created a subsidiary to channel funds into farming in five southeastern Pennsylvania counties

The new lending company is the Commonwealth National Agri Loan Corp

Agri-Loan will consider intermediate term loans of one to seven years to any person or corporation actively engaged in farming

While separate from other bank functions, the new farm loan subsidiary will have its headquarters in the Lancaster division of the Commonwealth National Bank

Robert P Bucher, a member of the Lancaster Commonwealth staff since January, is manager of Agri Loan

Besides Lancaster, Agri Loan will operate in York, Dauphin, Perry and Cumberland Counties.

Agri Loan will have an authorized capital of $1 million, which will enable the firm to grant about $5 million of farm loans, according to John R Biechler, president of Agri Loan and president of the Lancaster Division of Commonwealth National Bank

Biechler said Agri-Loan "will provide a means of access to the

(Continued on Page 10)

MARKET NEWS REPORT

At Lancaster Yards

Auction Only

July 1, 1970

CATTLE 994 — Compared to Monday, Slaughter Steers 25-50 higher. Cows 75-1 25 higher Bulls fully steady Supply included 23 percent Cows and Bulls Slaughter Steers supply included an increased showing of weights over 1300 lbs

SLAUGHTER STEERS—High-Choice and Prime 1100-1450 lbs 31 75-32 50 Choice 1000-1450 lbs 30 25 32 10, high-Good and low-Choice 29 00-30 75, Good 28 00-30 00, Standard and low-Good 26 00-28 00

COWS — Utility and high-dressing Cutter 24 00 25 50, few 25 75 26 50, Cutter 22 50 24 50, Canner and low-Cutter 21 00-22 50

BULLS — Choice 28 75 30 50, few 30 85 31 75, Good 27 50 29 00 Utility and Commercial 28 25-31 25 several 31 50-32 35

CALVES 120 — Vealers steady to 1 00 higher

VEALERS—Choice 48 50-51 50, few 52 00-53 00 Good 44 00 48 00 Standard 42 00 46 50 Utility 37 00 43 00 Cull 90 120 lbs 31 00-34 00

HOGS 368—Barrows and Gilts 50-75 higher, Supply included 20 percent Sows

BARROWS AND GILTS—One lot US 1 205 lbs 28 25 US 1-2 195-225 lbs 27 50-27 60 US 2-3 200-240 lbs 27 10-27 35 US 3-4 215-255 lbs 26 25-26 85 US 2 190-195 lbs 26 60 US 3-4 290 300 lbs 21 35 22 35

SOWS — US 2-3 400-465 lbs 16 85 17 35 One lot US 2-3 340 lbs 18 00

SHEEP 11—No market test

Weekly Review

July 3, 1970

CATTLE 1900 — Compared to last weeks close, Slaughter Steers 25-75 higher, Cows 75-1 25 higher; Bulls fully steady Supply included an estimated 25 percent Cows and Bulls, 60 percent Slaughter Steers, with the balance mainly Feeder Steers

SLAUGHTER STEERS—High-Choice and Prime 1100-1450 lbs 31 50 32 50, Choice 1000-1450 lbs 30 00-32 10, high-Good and low-Choice 29 00-30.75, Good 28 00-30 00. Standard 26 00-28 00

SLAUGHTER HEIFERS—Few head Choice 750 900 lbs 28 50 29 25

COWS — Utility and high-dressing Cutter 24 00 25 50, few 25 75 26 50, Cutter 22 50-24 50 Canner and low-Cutter 21 00-22 50

BULLS — Choice 28 75 30 50 few 30 85-31 75, Good 27 50-29 00 Utility and Commercial 28 25 31 25, several 31 50 32 35

CALVES 400 — Vealers steady to 1 00 higher

VEALERS—Choice 48 50 51 50, few head 52 00 53 00, Good 44 00-48 00, Standard 42 00 46 50, Utility 37 00-43 00, Cull 90-120 lbs 31 00-34 00

HOGS 1200—Barrows and Gilts

(Continued on Page 3)

Vintage Auction

June 30, 1970

CATTLE 982 — Compared to last Tuesday, Slaughter Steers strong to 50 higher; Cows 25-50 higher; Bulls strong to mostly 50 higher Supply included 20 percent Cows and 10 percent Bulls

SLAUGHTER STEERS—High-Choice and Prime 975-1200 lbs 31.75-32 50; around a load Choice 1000-1300 lbs, yield Grade 2-3 31.60-32 60; Choice 950-1325 lbs 30 00-32 00, high-Good and low-Choice 28 75-30 50, Good 27 00-29 50; Standard and low Good 26 75-27 75

SLAUGHTER HEIFERS — Choice 850 950 lbs 28 50-29 75, few Good 27 50-28 50

COWS — Utility and high-dressing Cutter 23 25 24 75, few head 24 75 25 25 Cutter 22 00-23 75, Canner and low-Cutter 20 25 22 25

BULLS — Choice 28 50-30 10 Good 27 00-28 50 Utility and Commercial 27 50 30 60, five head 31 60-32 50

CALVES 462 — Vealers strong to mostly 1 00 higher

VEALERS — Choice 49 00-52 00, couple head 53 00-54 50, Good 45 50 49 00 Standard 42 00-46 00, Utility 34 00-41 00, Cull 90-120 lbs 32 00-36 00, 65 85 lbs 28 00-33 00

(Continued on Page 3)

New Holland Auction

July 2, 1970

CATTLE 1025 — Compared to last Thursday Slaughter Steers 25-50 higher, Cows 50-75 higher; Bulls strong to 1 00 higher; Supply included 18 percent Cows and 15 percent Bulls

SLAUGHTER STEERS—High Choice and Prime 975-1250 lbs 31.85-32 35; Choice 950-1300 lbs 30 25-32 00; high Good and low Choice 29.00-30 60, Good 28 00-30.00, Standard and low Good 26 50-28 50

COWS — Utility and high-dressing Cutter 24 00-25 50, few 25 60-26 35, Cutter 22 25 24.50, Canner and low Cutter 20 00-22 60

BULLS — Choice 29 50-31 75, three head 32 75 34 10, Good 27 50-29 50, Utility and Commercial 27 00 31 00, few 31 75-32 85

CALVES 318 — Vealers steady to 1 00 lower Calves returned to farm fully steady with Holstein Heifers higher

VEALERS — Choice 49 00-51 50, Good 45 00-49 00, Standard 42 00 45 00, Utility 38 00-43.00.

CALVES RETURNED TO FARM — Bulk 90-115 lbs. 38.00-49 00, with Holstein Heifers 57 00-70 00

SHEEP 13 — Insufficient volume for a market test.

HORSES

June 29, 1970

Receipts of 414 horses sold steady Riding Horses 95-500; Driving Horses 130-400; Pony Mares 20-40, Geldings 15-30; Killers 8 9

COWS

July 1, 1970

Receipts of 109 cows, 4 bulls and 6 heifers sold steady. Fresh Holsteins 425-900, Other Breeds 265-350, Bulls 335 440, Heifers 330-400

HOGS

June 29, 1970

Receipts of 1128 hogs sold $25 00 higher Retail 27-28 50; Heavyweights 24-26, Light-

(Continued on Page 13)

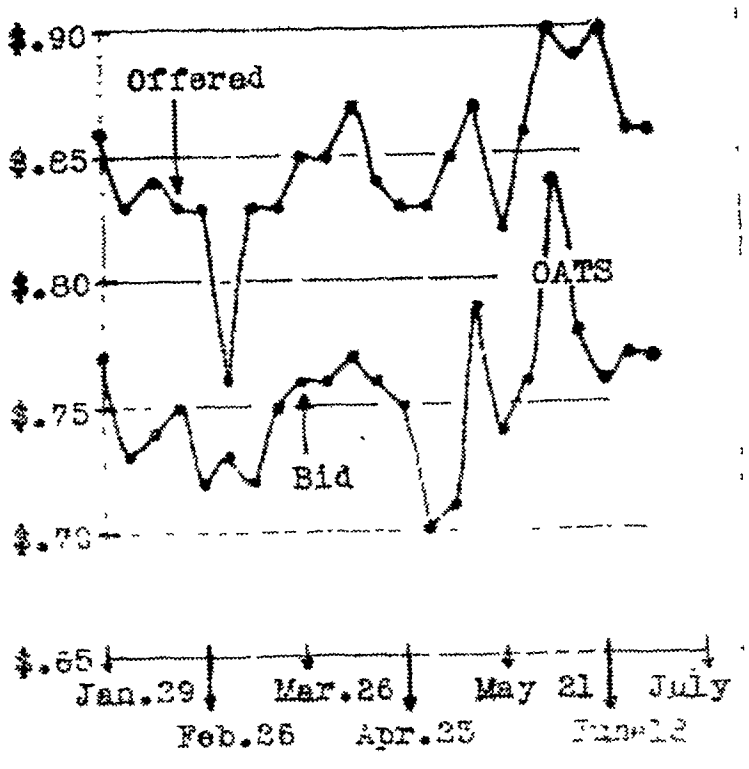
Chicago Cattle

Weekly Review

CATTLE—Compared with last weeks close Slaughter Steers and Heifers 75-1 00 Higher except Standard and Low Good Steers steady to 50 higher Cows mostly 25 higher, Bulls 50 higher

Receipts 75 percent Slaughter Steers 21 percent Heifers the balance mainly Cows overall finish of Slaughter Steers 18 percent Prime and 75 percent Choice This compares with 25 percent Prime and 66 percent Choice last week and 26 percent Prime and 63 percent Choice last year Average cost and weight of Slaughter Steers estimated at 31 25 highest in 10 weeks, and 1190 lbs compares with 30 71 and 1196 lbs last week and 32 98 and 1172 lbs last year Heifer

(Continued on Page 11)



Local Grain Prices

These prices are made up of the average prices quoted by six participating local feed and grain concerns It should be noted, however, that not every dealer handles each commodity All prices are per bushel, except for ear corn which is per ton

The average local grain prices quoted Thursday, July 2, 1970, are as follows

	Bid	Offered
Ear Corn	$38 00	$43 00
Shelled Corn	1 55	1 71
Oats	77	86
New Barley	90	1 04
Wheat	1 31	1 44

Bid is the price the dealer will buy from the farmer delivered to the mill Offered is the price the dealer will sell for at his mill

FUTURES TRADING

(Closing bids as of Wednesday, July 1st, 1970)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
July		26.30		41.50
August	31.80	24.25		
September				42.00
October	30.15	20.27		39.55
November			2.65	40.50
December	29.65	19.80		39.80
January '71				38.00
February	29.37	19.42		
March			2.94	
April	29.50	19.40	3.15	
May			3.79	
June	29.65			

a-asked b-bid n-nominal

Trend Cattle are stronger, Hogs are steady, Potatoes are steady, and Eggs are stronger

Markets provided by Commodity Dept., Reynolds & Company

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New Holland, Penna.
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Weekly Poultry Report

Eastern Pennsylvania And New Jersey

Prices of light type hens unchanged to 1c higher Demand fair to occasionally good for uniformly distributed offerings ranging light from some scarcities to heavy in others, generally barely adequate as seasonal plants not working full time this week Offerings of heavy hens fully adequate for fair seasonal interest Prices paid at farm Light Type hens 5½ 8 M 7-7½, Heavy type hens TFEWR

Delmarva

Ready-to cook movement spotty ranging light and disappointing to fair Supplies ample to occasionally burdensome and freely offered in an effort to clear Less than trucklot prices generally unchanged though trending lower within the ranges Advance interest very limited Live supplies fully adequate for needs Undertone weak and unsettled.

Pool trucklot prices for Thursday arrival at terminal markets US Grade A 28½-31 M 29, Plant Grade 27½-28½ M27½-28c Special packs including 1¾-2, 3½# sizes TFEWR

Fogelsville

June 30, 1970

(Prices paid dock weights, cents per pound, except where noted)

HENS, Heavy Type 10-19½ mostly 14-17; PULLETS 23½-34½ mostly 27-29, ROASTERS 15½ 25 mostly 23 25 RABBITS 10½ 25 mostly 25 32 GUINEAS 1 14½ 1 24 PIGEONS (Per Pair) 65 2 75

TOTAL COOPS SOLD 342

New York Eggs

Prices higher on large and standards

Street trading activity fair but slightly slower than earlier in the week Arrivals and offerings light to moderate and increased somewhat on all sizes except jumbos Stocks of jumbos very light, extra large whites barely adequate to occasionally tight, large whites about adequate with browns ample Demand for mediums slow and supplies ample Smalls, standards and peewees closely cleared through distributive or breaking outlets Carton demand only fair

HAY PRICES

For Southeastern and South Central Pennsylvania

June 29, 1970

All hay No 2 and better, prices paid by dealers at the farm, price per ton

New hay mostly steady second cutting of alfalfa coming on the market Straw steady to weak Mulch steady to $2 lower

Alfalfa	(new)	25 00 32 00
Timothy hay	(new)	20 00-25 00
Mixed hay	(new)	25 00-28 00
Straw	(new)	18 00-25 00
Mulch		8 00-12 00

Reported by Bureau of Markets Pa. Dept. of Agriculture.

Federally Inspected Livestock Slaughter

(For week starting June 29, 1970)

	Cattle	Hogs	Sheep
First 4 Days	463,000	963,000	148 000
Last Week	460,000	987,000	155,000
Last Year	461,000	1,017,000	160,000

Estimated daily livestock slaughter under Federal Inspection.

Green Dragon

The Ephrata Green Dragon market reported receipts of 164 head of average quality dairy cattle Friday, Jun 26 with good attendance and prices strong to

Cow numbers included 1 load of Canadian cows fresh, $420 to 530 springers 390 to 570 first calf heifers 340 to 410

Load of Canadian cows—fresh cows 410 to 495, springers, 365 to 510

Load of Canadian cows—fresh, 410 to 495, springers, 385 to 480.

Load of New York State cows—fresh, 425 to 575, springers, 365 to 450

Load of Upstate cows—fresh, 310 to 395, springers, 310 to 360

Local cows—fresh, 240 to 485, springers, 365 to 435, yellow cows, 250 to 485

Heifers — bred, 340 to 425 open, 150 to 235

HAY MARKET JUNE 26

Eight loads of hay—one load of alfalfa, $37 a ton; two loads timothy, 24.50 and 26; five loads mixed, 25 to 32. No clover offered.

Six loads of straw, 22 to 38.50. One load corn, 41.50.

● Lancaster

(Continued from Page 2)

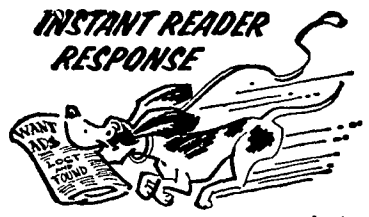
strong to 25 higher, around 80 head Sows on offer Wednesday

CLOSING SALES, BARROWS AND GILTS—One lot US 1 205 lbs 28 25 US 1-2 195-225 lbs 27 50-27 60 US 2-3 200-240 lbs 27.10-27 35 US 3-4 215 255 lbs 26 25-26 85

SOWS — US 2-3 400-465 lbs 16 85-17 35 340 lbs 18 00

SHEEP 150 — Spring Lambs mostly steady, Ewes scarce

SPRING LAMBS—Few Choice 70-90 lbs 29 50-30 00, Good 60-90 lbs 25 50-28 00



Try A Classified Ad

Weekly UEP Egg Market

Prices to the Producer

June 30 and July 2

Region	Large		Medium		Small	
Northeast	39	40½	25	26	16½	18½
Northwest	32	36	24	26	11	13
Central West	30	33	22	26	10	13
Southwest	30	33	21	25	10	13
Midwest	37	37	23½	23½	13½	14
Southeast	35½	37	25½	25½	15	17
National Average	36	37	24½	25	14	16

Weekly New York Egg Mkt.

From Monday, June 29th to Friday, July 3rd

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy Ex Large	45	45	46	47	
Fcy Large	41	41	42	43	
Fcy Mediums	31	31	31	33	
Fcy Pullets	22	22	22	23	
Fcy Peewees	13	13	13	14	
BROWN					
Fcy Large	41	41	41	43	
Fcy Mediums	31	31	31	32	
Fcy Pullets	22	22	22	23	
Fcy Peewees	13	13	13	14	
Standards	38	38	39	40	
Checks	21 21½	21 21½	21½ 22	22 22½	

Tone — Large sizes moving readily, mediums irregular, ample in Northeast adequate other areas

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● Vintage

(Continued from Page 2)

CALVES RETURNED TO FARM — Bulk 90-115 lbs 38 00-48 00

HOGS 346 — Barrows and Gilts 50-1 00 higher

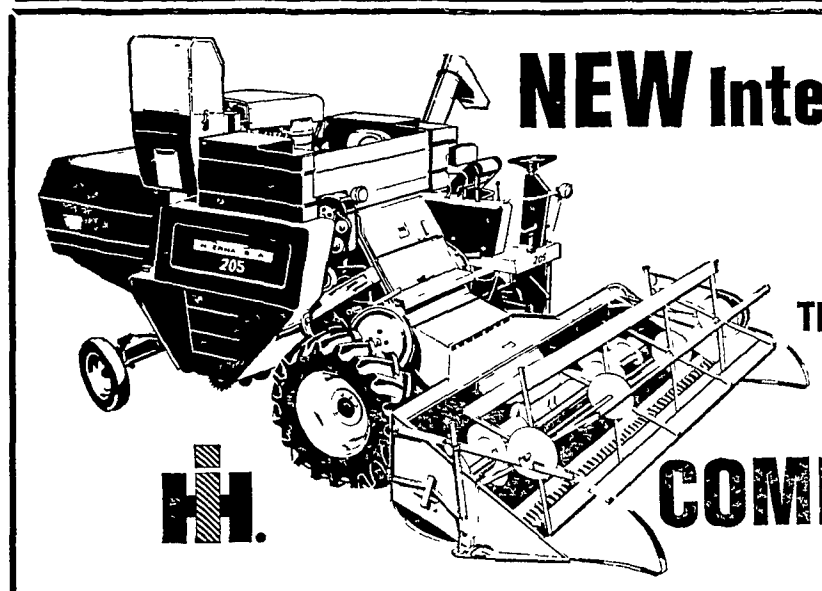
BARROWS AND GILTS—US 1 200-210 lbs 28 75-28 85 US 1 2 200-240 lbs 27 85-28 35 US 2-3 195-240 lbs. 27 25-27 75 US 3-4 220-250 lbs 26 50-27 00

SOWS — US 1-2 185-195 lbs. 26 75-27 10 US 2-3 315 550 lbs. 17 00-18 00

SHEEP 62—Spring Lambs and Slaughter Ewes fully steady

SPRING LAMBS — Choice 60-95 lbs 29 00-32 50, Good 60-85 lbs 25 00 29 50

SLAUGHTER EWES — Utility and Good 7 00-9 00



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Dairying in the 1970's

On page 23 of this issue, we carry an article about a modern, automated milking system being developed by Michigan State University.

The system is a far cry from the hand milking that most dairymen today still remember but no longer use. And the new system, as described in the article, offers an ease of handling dairy animals still far removed even from those dairy farms which are relatively efficient by today's standards.

The new system raises many questions: Is it really necessary to take all the work out of dairying and to pamper cows so? Won't the new system be too costly? Why put the extra cost into the dairying operation?

These are just a few of the questions which might be asked. In addition, any farmers who might be seriously interested in it will want to know how they can make it fit into their own particular operation. Or will it involve new construction?

Some of these issues are not explored in the article and this makes it more difficult for the farmer to determine the possible importance of the new system.

Contented Cows

But if we don't try to get into exact dollars and cents figures, most of us can probably answer the questions in a general way.

We know, for instance, that one firm gained a wide reputation with it's advertisement of contented cows. Contented cows paid that firm well, because the public bought its products. But contented cows also pay the individual farmer because they produce more milk and do it more efficiently.

So if automation makes cows more contented by making it possible to treat the animals better, we can believe it will probably pay to pamper cows.

Bigger Dairy Farms

From another angle, we know that most authorities on dairying are telling us that in the future the most profitable dairy farms will likely be the larger ones, that the smallest dairy operations will be squeezed out of operation, that there will be only half as many dairy herds in the nation in 1980 as in 1970 — some 200,000 herds in 1980, compared to 400,000 today.

We also know that the labor situation is not favorable for those who would expand their labor needs. Cheap farm labor is rapidly becoming a thing of the past and the trend can be expected to accelerate. As competition from industry for qualified personnel seems to intensify each year, many farmers are finding it harder to attract competent labor at any price.

The built-in dilemma is obvious. On the one hand, dairy farmers are told they must expand to survive, on the other hand, they can't find the labor which makes this expansion possible.

Only those farmers who solve this dilemma in the years ahead can expect to profit and survive.

Fortunately, the Southeastern Pennsylvania farm community is more close-knit than in most other parts of the country. Brothers often cooperate, and there are many father-son operations. This type of situation often makes it possible for the small family farm for which this area is so famous to survive and prosper when farmers in other areas are whipped by the labor dilemma.

Labor Problem Grows

But as the number of farms continue to shrink here and elsewhere, as operating costs continue to climb, as greater efficiency is required, the labor problem will continue to grow here, as elsewhere. One way or another, the labor question will have to be solved by every farmer.

Will this automation be too costly? For those who don't know how to use it efficiently, the answer will be yes. It's a difficult and delicate series of management decisions which must be made to greatly increase costs through automation while at the same time maintaining or increasing profits.

But the dairy farmer today who makes a comfortable standard of living on a small herd may make the same amount of money in the future but not live so comfortably on it. Inflation and higher living standards require more money.

Expansion Necessary

As a result, some dairymen who think today that they don't have to expand may be forced to expand or quit the business tomorrow.

If they elect to expand, they are faced with the choice between more labor or more automation. Those farmers who can't get the additional labor — for whatever reason — will be left with the choice of increasing efficiency through automation.

So the question of whether automation will be too costly will answer itself for many farmers. When all the alternatives are presented, they won't have any choice.

But while increased automation would appear to be inevitable under the present and anticipated future market conditions in dairying, the individual dairy farmer must continue to proceed with caution.

Greater Profits Is Goal

The goal is not expansion for expansion's sake, or automation for automation's sake.

Rather, the goal is expansion for increased profits, and automation for increased profits.

What the dairy industry forecasters are really saying when they predict there will only be half as many dairy farmers 10 years from now is that under the conditions which can be expected in 10 years there won't be enough profits or rewards to satisfy everyone who's now in the business. In order to satisfy everyone they are saying, half of all dairy farmers are going to have to drop out to make the business more attractive for those who remain.

Bigger operations with more responsibilities aren't going to appeal to farmers.

Streamlined Dairying in 80's

But more efficient operations with less hard, physical labor and higher profits will appeal. Such streamlined operations will maintain the appeal of dairy farming as a way of life in 1980 in spite of the growing challenge of urban development.

Because Southeastern Pennsylvania farmers are located in good areas near the major milk markets of the East, because they are mostly competent and adaptable farmers, because they have the will to find out how to survive and prosper in a changing world, we believe that the dairymen in Southeastern Pennsylvania will emerge in a better position in the nation's dairy industry in 1980 than they are in today.

We believe that, as in the past, many dairymen will prosper primarily through increased automation, but that some will survive through efficient use of labor.

But we do not believe that everyone in dairying today will make it to 1980. Success is not automatically assured.

Only those farmers who continue to make the right decisions, based on the particular needs of their own living styles and farming operations, will celebrate the passing of the Prosperous Seventies.

LANCASTER FARMING
Lancaster County's Own Farm Weekly

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NOW IS THE TIME...

By Max Smith
Lancaster County Agent

To Beware of Wood Ticks

The presence of wood ticks this summer seems to be more frequent and all citizens are urged to be on the alert for this tick on themselves as well as domestic pets. Ticks are most commonly found in wooded areas that might be visited on picnics or on brush or trees near recreational areas. The area may be sprayed weekly with Sevin, Chlordane, or Lindane. Pets may be dusted with Sevin. Some of these ticks may be carrying infection resulting in fever so all of them should be considered dangerous.

To Prepare for Alfalfa Seeding

Growers planning for an early August alfalfa seeding can be getting their ground ready. Alfalfa equires a firm seedbed free of weeds. Early plowing followed by discing or harrowing several times should get this result. Lime should be worked into the soil according to a complete soil test. The band seeding method has given excellent results both in August and early in the spring.

To Plan for Corn Storage

The corn crop is off to a good start and we can expect another good yield unless weather conditions change. In recent years many farmers have been pressed for a place to store their corn. Piles on the barn floor or in other places is not too desirable. Therefore, we urge the planning for additional storage either as high moisture corn for livestock feeding, or a rodent-free crib for storing shelled or ear corn. Several plans are available for corn cribs.

Read Lancaster Farming For Full Market Reports

REVOLUTIONARY?

Lesson for July 5, 1970

Background Scripture: Genesis 1 1 4; John 1 1-13, Romans 1 16 21, Colossians 1 15 27; Hebrews 11 3.
Devotional Reading: Psalms 104 1-13.

The Book of Genesis a revolutionary book?

It may hardly seem so to us today, but to the ancient world in which Genesis first appeared it came as a startling, revolutionary concept. The Babylonians and

Rev. Althouse

Egyptians, for example, believed that the gods were in nature itself. This is why they worshipped the sun, the moon, the stars, the great rivers, etc.

The poet of Genesis, however, brought forth the revolutionary concept that God was not "in nature," but above it. Before there was nature, he tells us, there was God and he created nature. Thus we do not bow in adoration to the works of nature, but to him who created them.

A "beginning" to things

Another revolutionary aspect of Genesis is found in the assertion that there was a "beginning" to things. The ancients believed that history and time revolved in an unending cycle that had neither beginning or ending. But the poet of Genesis says, "In the beginning . . ." Before that beginning was God who gave both time and history their start. Only God, therefore, is eternal; everything else has its beginning in him.

The ancients sometimes believed that their gods sometimes "blundered" into acts of creation. A God would cry and the teardrops would fall into the sea and become islands. A god would throw a fireball at an enemy and the fireball would become fixed in the heavens, thus becoming the sun.

What a different view we find in Genesis! Here we see God deliberately choosing to create, not by chance or caprice, but by plan and design. We see an orderly universe unfold step by step according to the direction given it by the Creator.

And God said, "Let there be light"; and there was light. And God said, "Let there be a firmament . . ." And it was so. And God said, "Let the water under the heavens be gathered together into one place . . .' And it was so. And God said, "Let the earth put forth vegetation . . ." And it was so.

Here we see a Creator who creates because he desires to create. We see a Creator who creates in an orderly fashion, planning for times and seasons (1:5), planning for an orderly structure (17.7 8), planning by means of an orderly unfolding process (1.9,11,12).

And God saw that it was good

There is something else that Genesis wants us to know. Whereas some of the ancients regarded the material world as evil, a curse from which man needs to escape, Genesis tells us that the world God created is a good world: "And God saw that it was good," (1:10). The Creator finds joy and satisfaction in his work.

Genesis not only was a revolutionary book when it first appeared, but if we take it seriously today, it still has that capacity to startle us.

Too many people get hung-up on the details of the Creation story. Like the details of the parables which Jesus told to communicate important truth, the reader of Genesis must go beyond the details and press onto the truth the story is intended to convey. Instead of trying to make history out of what was written in a poetic literary style, we need only consider the meaning behind the revolutionary idea with which it begins: "In the beginning God created the heavens and the earth" (1:1). How he did it is of far less concern that the fact that he did do it and that he had a master plan in mind when he began.

If that thought strikes you as commonplace, if it doesn't excite you and stir your mind, it is a reflection upon you, not the Creation story!

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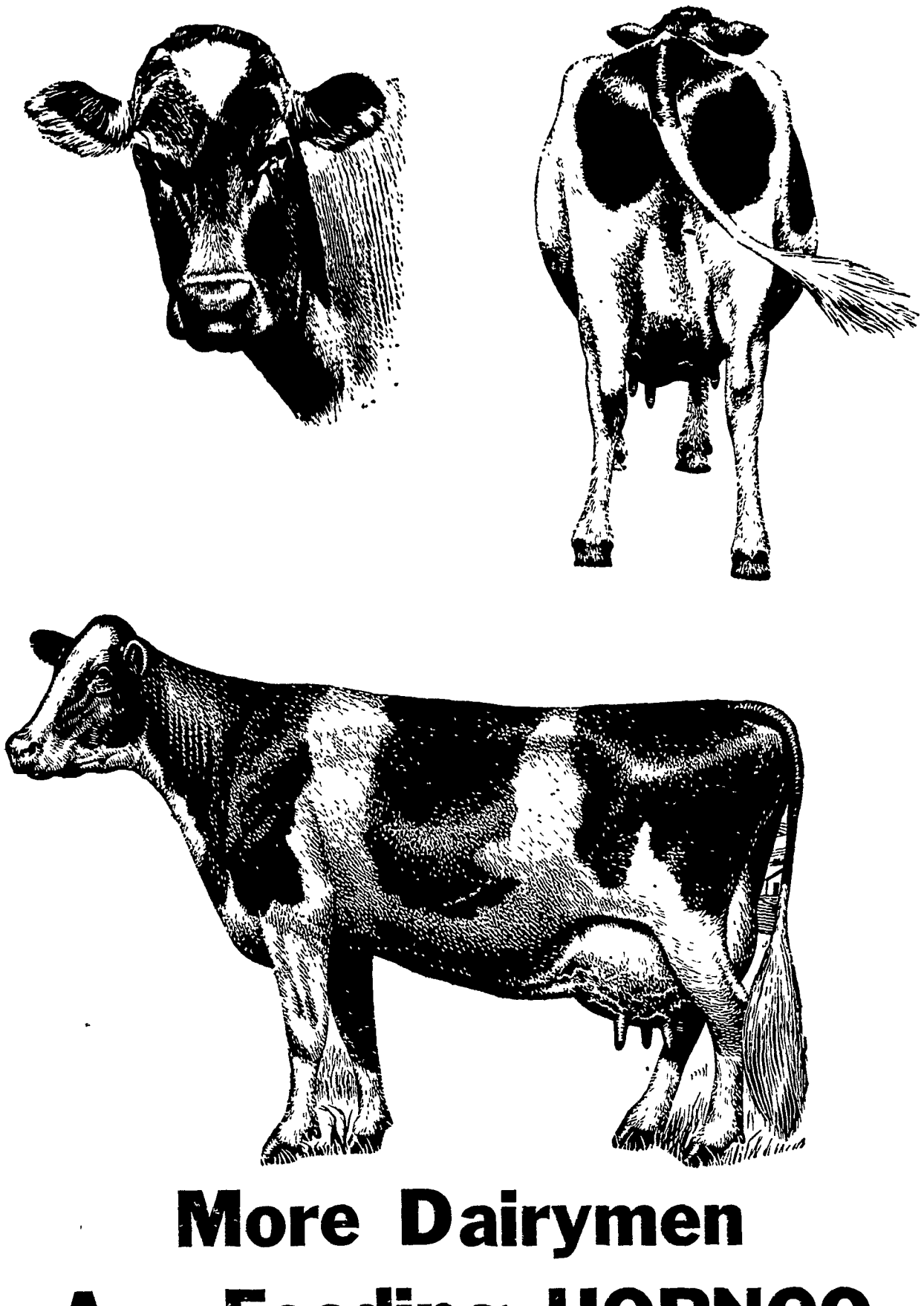
Migrants' Services to Be Improved

ANYWAY YOU LOOK AT IT . . .



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Improvements in many areas of services provided to Pennsylvania's migrant labor force are described in the annual report released recently by the Governor's Committee on Migratory Labor

Clifford L Jones, Secretary of Labor and Industry and Chairman of the Committee, said the report indicates that 'considerable progress has been made during the 18 years since the committee was organized in Pennsylvania

"Because of the concern of many groups both governmental and volunteer," the Secretary said 'conditions for migrants and their families in Pennsylvania are safer healthier and more comfortable '

The report records 7 545 migrants being employed in 33 of the commonwealth's counties during 1969—1128 of them in Adams County, 882 in Franklin and 636 in Schuylkill, the largest employers of migrants in Pennsylvania

Seventy four per cent of the total migrant force were blacks from southern states, and the remainder from Puerto Rico

The report also gave the following figures for counties in this area

Lancaster, 36 camps and 36 camp operators with a total of 258 migrants, including 55 southern migrants and 203 Puerto Ricans

Chester, 18 camps and 13 camp operators with a total of 187 migrants, including 50 southern migrants and 137 Puerto Ricans

Lebanon, 7 camps and 7 camp operators with 46 migrants, all Puerto Ricans

York, 22 camps and 22 camp operators with a total of 221 migrants, including 172 southern migrants and 49 Puerto Ricans

For the first time in history, Pennsylvania farmers received more than a billion dollars from the sale of their produce in 1969 Migrant workers played an important part in harvesting a part of that crop

Jones said the migrant program was marked by several highlights in 1969, including

The Department of Labor and Industry inspection program was intensified There were 965 safety inspections and 308 camp approvals during the year, the highest number in both categories since the inception of the program

And health and dental services for migrants were increased during the year

The state received $322,189 under the migratory amendment of title I of the elementary and secondary school act supplemented by two existing Pennsylvania school laws This combined appropriation helped to fund summer classes at nine locations in the state (West Chester, Cheyney, Kutztown, and Millersville State Colleges, Wilkes College, Chester, Adams, Columbia and Lancaster Counties) The children were also enrolled during the regular school terms where conditions warranted

Jones said that seven of the Commonwealth's Departments, the Commonwealth of Puerto Rico and 13 volunteer agencies actively participated in this year's program

Secretary Jones noted that through the efforts of many groups and thousands of individuals in the state, migrants and their families have been brought into a more personal relationship in the state This, he said is the ultimate goal — that the conditions under which migrants live be made comparable to those of other people

Holstein Breeders Slate Annual Field Day July 21

The Lancaster County Holstein Breeders Association will hold the Annual Field Day on Tuesday, July 21 at the farm of Curtis E Akers, Quarryville RD1

The judging contest with Jack Fairchild well-known Holstein breeder as official judge, will begin at 10 30 a m

At noon there will be a chicken barbecue for $1 25 with milk and ice cream furnished

The afternoon program will begin at 1 30 p m Prizes will be awarded to the winners of the judging contest Speaker will be Jack Fairchild

Members of the Holstein Field Day Committee are David W Sweigart James Kreider, and Donald Eby

Persons attending have been advised to reach the Akers' farm by traveling south on Route 222 and turning right at Solanco School, After taking the first road left, the farm is first on the right

Robert K. Rohrer

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Some of the Gold medal winners from Lancaster County in the State FFA contests at Penn State this week were: front, left to right, Nelson Martin, dairy judging, Grassland Chapter; Jay Zimmerman, dairy judging, Cloister; Barry Martin, pitcher of state FFA winning softball team from Lancaster, York and Chester Counties with rotating trophy; Tom Bollinger, Cloister FFA president, received first place plaque and $100 check for chapter's safety program; back row, left to right, Delmar Weaver, land judging, Grassland; Dale Weiler, small gas engines, Grassland; Gerald Weaver, small gas engines, Grassland; Dale Groff, land judging, Cloister; Ken Sensenig, poultry judging, Cloister; Dennis Landis, machinery adjustment and farm power, Penn Manor.

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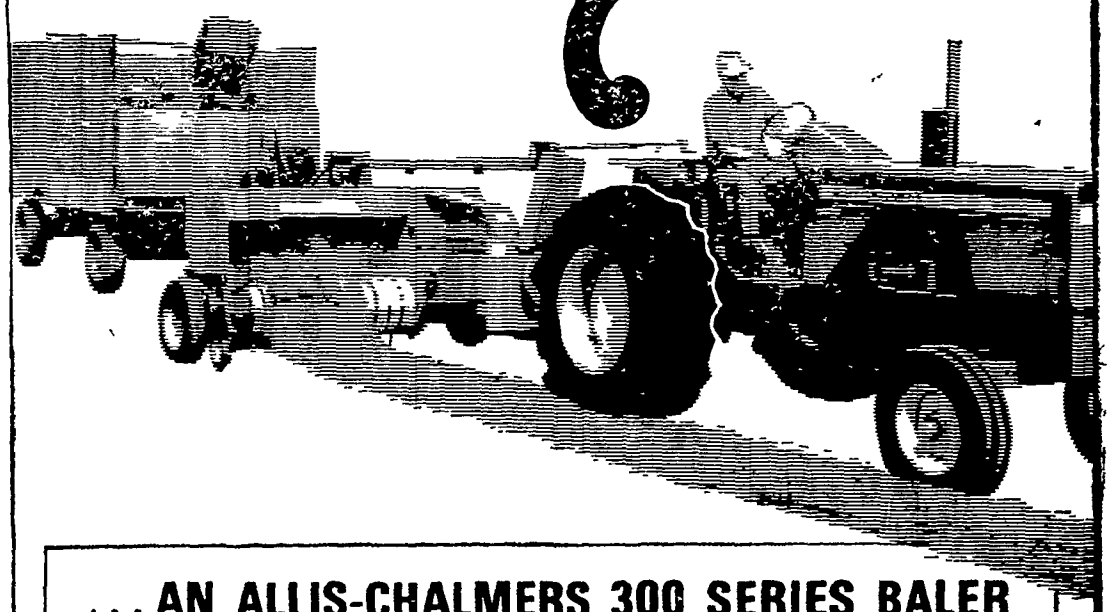

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Rural Housing Program Grows

The rural housing program is an area of growth in the Pennsylvania picture, State Director Penrose Hallowell of the Department of Agriculture's Farmers Home Administration Pennsylvania State Office reported recently

Hallowell disclosed that rural people served by the home loan insurance program of the Farmers Home Administration, a Department of Agriculture credit agency, are moving into new or improved homes at an eight per cent higher rate than a year ago

The State Director issued a progress report on the rural FHA's expanding support of home financing for families in the countryside and towns of up to 5,500 population His report for the first 11 months of fiscal 1970 showed that the agency approved 1,110 home ownership loans totaling $13 2 million, as against 925 loans totaling 19 4 million in the corresponding period of fiscal 1969.

Hallowell said new home starts through his agency will run higher this year than any previous year Loans for new one family homes under the rural program exceeded 750 through May as compared with 600 for the entire fiscal year 1969 By contrast, new home starts in the nation as a whole declined by an estimated 15 3 per cent during the 11 month period ended in May.

The spring seasonal upsurge of building is expected to result in the Farmers Home Administration surpassing the $15 million in insured housing loans for the year ending June 30 in Pennsylvania.

This year's activity, Hallowell said, will account for about 1,200 new and improved homes for rural Pennsylvanians of low and moderate income Last year, the agency's previous record year, Farmers Home Administration insured $10 8 million worth of loans on 960 homes.

Under authority conferred by the Housing Act of 1969, Farmers Home has launched this spring a new type of two year loan to public and private non profit organizations to develop homebuilding sites lacking in rural areas, and a "conditional commitment" to builders certifying that homes they construct will qualify for Farmers Home-insured loans to homebuyers

Building sites improved with Farmers Home financing will be sold as sites for homes of low-to moderate income families who can secure housing loans insured by the Farmers Home Administration or its counterpart FHA (Federal Housing Administration) at the Department of Housing and Urban Development These sites also are available for rental housing for low and moderate income families

"The rural program is going to be a sustained attack on the shortage of housing and blight of bad housing in rural America" Hallowell said "The average house we are financing is a three bedroom home, modern in its facilities, costing $15,300 to $16,-300 to build in a rural area This type of house is fully adequate for the family that will occupy it, and it can be bought and paid for by a rural family of modest means"

Funds for the agency's insured housing loans come from local lending institutions, or investors in other places if local lenders cannot be found Farmers Home financing is available to families only after it is established that they cannot qualify for housing credit from other sources Farmers Home loans for Pennsylvania can be made through any of the agency s 26 local county offices.

For further information for Lancaster, Lebanon and Chester Counties, the local county office at 1383 Arcadia Road, Lancaster, Pa 17601 may be contacted Telephone number 717-394 0681, Ext. 57

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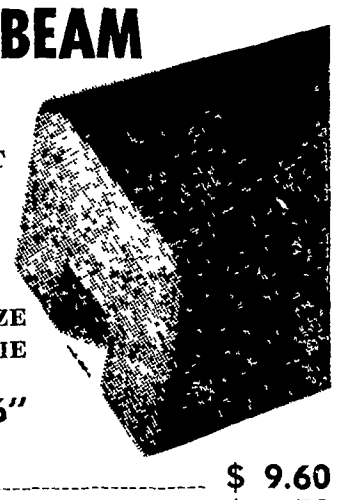

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Many Area FFA Youths Win Awards

(Continued from Page 1)

Roberts, Chester County Tom Bollinger, Cloister Glen Harnish, Oxford Chester County, David Gemmill Kennard Dale York County

Bronze medal winners were Frank Mast O J Roberts Carl Weidler, Elizabethtown Stephen Brown, Kennard Dale

Honorable mention Gary Simmons, Oxford, Phil Van Lieu, Northern, York County Ronald Lehman, Northern

Dairy Products

In the Dairy Products contest, which had 38 entries, Larry R Myers, Solanco captured a gold medal and a trip to Kansas City with a third place finish

Two Lancaster County youths captured silver medals and a trip to the Eastern States Exposition at Springfield, Mass They are Marty Good, Grassland, and Marlin Smoker, Cloister.

William Landis of Penn Manor got a bronze in Dairy Products.

Land Judging

In Land Judging, Dale Groff of Cloister Chapter won a gold medal and first place in the state as well as a trip in Pennsylvania

Other Land Judging awards to the 120 entrants included Delmar Weaver, Grassland, gold, fourth, Glenn Oberholtzer Elizabethtown, bronze, David Brandt, Manheim Central honorable mention, John Lewis, Red Lion, honorable mention

Livestock Contest

In the Livestock contest, in which 173 young men competed, George Shue, South Western, won a gold medal, third place and a trip to Kansas City

Charles Smith, Solanco, finished ninth got a gold medal and a trip to the Livestock Exposition at Harrisburg

Carroll Reibling, South Western, York, got a gold for thirteenth, and Dale Martin, Warwick, Lititz, a gold for sixteenth

Silver winners in Livestock included Lloyd Zeiset, Cloister David Gerlach, Penn Manor, and Dale Lehman, Eastern York County

Bronze winners in Livestock were Jeffrey Winter, Eastern, and Doug Shenebeiger, Manheim Central Honorable mentions were received by Carl Erb, Penn Manor and Robert Burkhart, Grassland.

Competing in the Dairy Products contest are Marlin Smoker, Cloister, Larry Myers, Solanco, and Carl D Kreider, Solanco. Myers placed first and won a trip to Kansas City, while Smoker was sixth and won a trip to Eastern States Exposition at Springfield, Mass.

Eric Copenhaver of Cloister FFA Chapter, Ephrata is grading a ready to cook chicken in the Poultry contest at Penn State. Copenhaver received an honorable mention in the contest.

Poultry Judging

Among the 60 entries in Poultry Judging, Ken Sensenig of Cloister won a second place gold medal and a trip to Kansas City

Clyde Erb Penn Manor, was sixth and received a silver medal and a trip to Eastern States Exposition, Springfield, Mass

Duston Grove, Red Lion, was seventh with a silver medal and a trip to the Atlantic Rural Exposition, Richmond, Va

Dennis Haugh, Red Lion, was eighth and captured a silver medal in Poultry Judging Joseph Sheffer, South Western, was ninth

Alan Miller, Red Lion, received a bronze award, and Eric Copenhaver, Cloister, an honorable mention

In Public Speaking, Gerald Martin of Warwick finished third in the state for the second straight year and won a gold medal

In the Conservation Speaking contest, Daniel Ruppert of Red Lion placed fourth

In Tractor Driving, with 12 contestants, Alvin Slouch, of Grassland Chapter finished fifth and won a trip to the Farm Show in Harrisburg

Weiler Is First

In Small Gas Engines with 22 contestants, Dale Weiler of Grassland finished first and Gerald Weaver of Grassland,

(Continued on Page 9)

Gerald Meckley of Dover fits a joint of copper pipe in the plumbing portion of the Ag Mechanics contest.

Shown during the meat judging contest are. Mike Bankert, Red Lion, and Bob Harting, and Nelson Weaver, Cloister Chapter, Ephrata.

Clyde Erb of Penn Manor takes a close look at a broken out egg during the Poultry contest Erb finished sixth, good for a silver medal and a trip to the Eastern States Exposition at Springfield, Mass.

Many Area FFA Youths Win

(Continued from Page 8)

was third Both will receive a trip in Pennsylvania

In Ag Mechanics Skill contest, with 47 competing Larry Barkdoll, Dover, was second and took a gold medal

In the Agronomy contest, with 60 competing, Barry Hostler, Elizabethtown, received an honorable mention.

Wolfe Wins Contest

Gerald Wolfe, Manheim Central, won a first place gold medal and a trip in Pennsylvania in the Machinery Adjustment and Farm Power contest, in which 27 competed

Robert H. Good
Regional Vice President

Mike Mowrer, (standing) Owen J Roberts High School, Chester County, and Carl Weidler, Elizabethtown judge a heifer calf in the Dairy Cattle contest. Weidler received a bronze medal in the contest.

In the same contest, Dennis Landis of Penn Manor was third and also won a gold medal and trip in Pennsylvania

John Adams of Red Lion received honorable mention

In Meat Judging with 42 entrants, Adolf Bensinger, Solanco, received an honorable mention.

The Lancaster Chester and York counties softball team also won the championship in athletic events Barry Martin, pitcher from Grassland Chapter, gave up only two hits in the five games necessary to capture the title

Miss Joan Lucas Is New Local Home Economist

Miss Joan Lucas, daughter of Mr and Mrs Charles E Lucas Jr , West Chester, assumed her duties as assistant extension home economist for Lancaster County on July 1

She will assist Mrs Doris Thomas, County home economist

A graduate of Mansfield State Teachers College, Mansfield, Pa , Miss Lucas received a Bachelor of Science degree in home economics this May

While in College, she was a member of Alpha Sigma Tau, national social sorority, secretary of her senior class and a member of Omicron Gamma Pi, home economics sorority

She is a member of the American Home Economics Association and the Pennsylvania Home Economics Association

Among her hobbies are cooking and swimming She was a swimming instructor following high school graduation.

Shoppers Insist on Perfect, Convenient, Low-priced Food

Profile of an American food shopper she's a bright girl who wants a product that involves less time, less waste and less money

She's also a very demanding shopper who has grown to know that she doesn't have to settle for second best

These were some of the thoughts expressed recently by marketing specialists who attended a meeting sponsored by the Pennsylvania Department of Agriculture, Leland H Bull, Pennsylvania secretary of agriculture, reported recently

One marketing specialist made the observation that the shopper reaches for a product the first time if it catches her eye but won't repeat the act unless the product is good

"The typical shopper will seldom complain to a storekeeper if a product is inferior," the specialist said "However, she will never purchase the item again"

An opinion expressed at the meeting was that a new breed of food shopper has emerged on the American scene

The new breed wants a product with an attractive appearance Product must also be ripe unmarked perfectly formed and be disease free The new breed also wants a good selection to choose from

And this new breed demands a variety of options in food The food should come ready to eat or heat be an instant or frozen product, or be of the brown and serve variety

"This may sound like a large order but it's what well informed consumers insist on," a speaker said

A buyer for one of the large food chains observed that nothing sells like quality He said exceptionally nice fruit selling for 29 cents a pound will outsell ordinary fruit selling at two pounds for 29 cents

"The day is long past when a food store can sell bananas that are too ripe or apples that are bruised," he said 'Today's housewife wants a perfect ear of corn and a box in which all the strawberries are nice"

An official from a leading frozen food firm made the interesting statement that many hospitals have switched to frozen foods, thus eliminating the need for big kitchens and big kitchen staffs

Consumers want appearance, satisfaction and price, Bull said.

Wheat Price Support Levels for '70 Listed

Farmers enrolled in the 1970 wheat program are eligible for price support loans on the 1970 wheat crop

Loan rate for wheat stored on the farm is $1 35 per bushel Warehouse loan rate for No 1 wheat is $1 24 until July 10, $1 25 from July 11 to August 7, and $1 26 from August 8 until September 4, according to Miss Dorothy Neel of the Lancaster County ASCS office

For warehouse loans, the following discounts will be made based on grade determinations No 2, 1 cent; No 3 3 cents, No 4, 6 cents, No 5, 9 cents, light garlicky, 5 cents, garlicky, 10 cents, light smutty 2 cents and smutty, 6 cents Warehouse storage is available at Cargill's at Marietta and Nelson Weaver's at Lime Rock and New Providence

Wheat loans do not mature until April 30, 1971 If the market price of wheat goes up beyond the loan rate, the farmer can redeem the wheat by repaying the loan plus interest Interest is computed at 30 cents per monht per $100

Farmers enrolled in the wheat program will also earn certificate payments on wheat harvested These are computed on 48 per cent of the allotment times the normal yield established for the farm, times the certificate payment rate of $1 57, up from $1 52 last year, Miss Neel said

Milk Board Sets Hearing July 14

The Lancaster County Dairymen's Assn has been granted a public hearing by the State Milk Marketing Board on milk prices for producers and dealers

Milk board officials announced that the hearing will be held at 10 a m Tuesday, July 14, at the Farm and Home Center, 1383 Arcadia Road

Testimony will be received on minimum prices which milk dealers shall pay producers for various classes and utilization of milk, and on minimum prices which milk dealers shall charge to consumers and handlers for various types classifications and containers of fluid milk and milk products

Egg Type Chick Hatch Increases Another 8%

The hatch of egg type chicks in May topped a year earlier by eight per cent, according to the USDA

A total of 64 4 million egg type chicks were hatched during the month

Eggs in incubators on June 1 were seven per cent above a year earlier

For the first five months of 1970, the hatch of replacement chicks totaled 251.8 million up 15 per cent from the same period in 1969.

Broiler-type chick hatchings exceeded the same month of a year earlier for the 25th consecutive month during May, topping the 1969 counterpart by six per cent

For the first 5 months of 1970, the broiler hatch totaled 1 4 billion, up 10 per cent from the previous year

Greens for Salads

Greens are the soul of salads, says Mrs Ruth J Buck, extension foods and nutrition specialist of The Pennsylvania State University Spinach, watercress, endive, dandelion greens, mustard greens escarole and romaine are leafy vegetables that compete with lettuce for a place in the salad bowl

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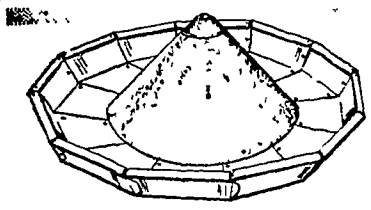

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Commonwealth Bank Creates Farm Loan Subsidiary

(Continued from Page 1)

national money market and will be a vehicle for providing better service to the agricultural community in the expansion of facilities, purchase of livestock and machinery and consolidation of debts."

Besides Bucher and Biechler, officers of the new corporation are Rodney E Miller, Robert J. DeLaney Jr., and John Silcox, vice presidents, George M Lewis, secretary and assistant treasurer and John J Baker, assistant secretary.

Eleven directors, most of them farmers or agri-businessmen, are:

Biechler John D Cope, Mechanicsburg RD2 farm manager, Amos H Funk, Millersville RD1 farmer, Spencer G Hall, Harrisburg attorney

Donald E Horn vice president of D E Horn & Co Inc., York, Noah W Kreider, Manheim RD3 farmer George L Morrison Jr., Commonwealth National Bank president Harrisburg

Herman E Stebbins, York RD5 farm manager, Edward B Wagman, owner of Monarch Products Company, York, Harry Wallick, executive vice president of the York Division of Commonwealth National Bank; and Paul B Whipple, credit manager of Miller & Bushong, Inc., Rohrerstown

A prepared statement by Biechler on the new firm is in full as follows

In our rapidly expanding economy, agriculture just as other industries must seek more and more money to capitalize needed expansion and to finance more complex equipment and facilities

Unlike other industries, agriculture does not tend to generate large cash balances This difference creates a disadvantage in competition for funds from banks

A report of the FDIC for 1969 shows that agricultural loans accounted for only 2.8 per cent of total loans of small insured commercial banks in Pennsylvania, and only 9 per cent of banks with total deposits of $25 to $100 million

The Commonwealth National Bank, in recognition of the problem and knowing the importance of agriculture in the five counties in which the bank has branches, formed a wholly owned subsidiary, Commonwealth National Agri Loan Corp

The corporation will provide a means of access to the national money market and will be staffed by loan officers who are farm loan specialists It is a vehicle for providing better service to the agricultural community in the expansion of facilities, purchase of livestock and machinery, and consolidation of debts.

The board of directors of the Corporation will be composed mostly of persons actively engaged in farming or agri-business The directors, by their active support and knowledge of the agricultural community, will contribute greatly to the success of this new Corporation.

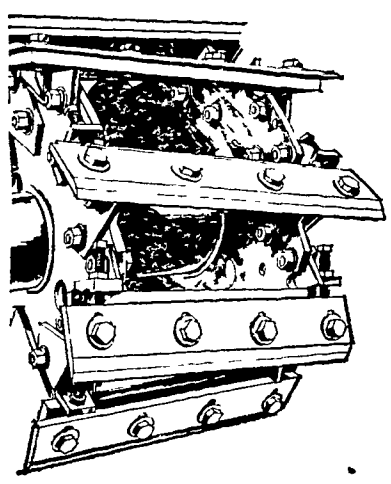
Officers of the Commonwealth National Agri-Loan Corp. are: seated, left to right, Robert P. Bucher, John R. Biechler, and George M. Lewis, back, John P. Baker, Rodney E. Miller, David Hess, and John Silcox. Robert J. Delaney Jr. was absent for the photo.

The Agri-Loan Corp will have authorized capital of $1,000,000 and will issue $500,000 to start. The authorized capital will provide the ability to grant loans up to about $5,000,000

Loans may be granted for any purpose as long as the person or corporation is actively engaged in farming. The loans will be of intermediate term of one to seven years.

Loans for other terms will be made to farmers through the regular loan facilities of the Commonwealth National Bank

We are confident the Corporation will fill the need for additional funds for farm customers in Cumberland, Dauphin, Lancaster, Perry, and Lancaster counties. The Corporation is extremely fortunate to have obtained directors recognized as agricultural leaders in the community.



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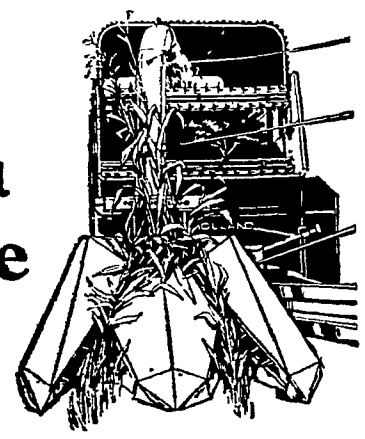

gives you a big edge outside.

The Super 717 forage harvester has an extra-strong, reinforced cutterhead that keeps chopping in toughest cutting conditions. It chops uniformly fine to 3/16". Choose from 1-row, 2-row, standard or 2-row narrow corn heads. Windrow pickup and sicklebar attachments are also available.

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WATERERS...

the "here's how" answer to all your animal drinking requirements.

Our cup and nipple drinkers fit all styles of cages. The complete variety of Big Dutchman troughs are expertly engineered for automatic flow control, easy cleaning and maintenance free service. All our waterers come equipped with non roosting devices, heavy duty suspension plates and non-corrosive hanging cables.

For top watering efficiency install the versatile and economical Big Dutchman waterers.

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Ag Progress Days Set

A "1970 Agricultural Progress Days" will be held September 2-3 at Windy Hill Farms, three miles south of Titusville in northwestern Pennsylvania

The educational program will show thousands of technological advances used in modern-day farming. About 60 commercial companies will exhibit new products for farming, country living and outdoor recreation

Included will be dairy barn tours, field crop demonstrations, hay and silage shows, machinery demonstrations, forestry field days, 4-H demonstrations, educational exhibits and new equipment

Many Many PART-TIME AND FULL-TIME MONEY-MAKING OPPORTUNITIES AVAILABLE!!!!

DON'T MI$$ THE

Pennsylvania BEGIN-YOUR-OWN BUSINESS SHOW JULY 9 THRU 12

NEW CONVENTION CENTER

PENN HARRIS MOTOR INN, Camp Hill, Pa.

DIRECTIONS: Take the Pennsylvania Turnpike to Exit 17 on to Routes 11-15. Follow Routes 11-15 to Penn-Harris Motor Inn.

* Meet Miss World-U.S.A. Official Hostess
* Door Prizes Galore, featuring vacation stays at St. Maarten's Isle Hotel Dutch Antilles, and Galt Ocean Mile Hotel, Fort Lauderdale, Fla.
* FREE Business Advice
* Live Broadcasts & Celebrity Interviews
* Entertainment
* Free Frostie Root Beer to all visitors
* Largest array of business opportunities ever presented under one roof in this area

SHOW HOURS: 12 Noon to 10 P.M.

SPECIAL DISCOUNT TICKET!! SAVE $1.00

This Ticket and $1.50 ADMITS ONE ADULT

PENNSYLVANIA BEGIN YOUR OWN BUSINESS SHOW

July 9 thru 12, 12 Noon to 10 P.M.
New Convention Center
Penn Harris Motor Inn, Camp Hill, Pa.

Compulsory Farm Unemployment Insurance Impact Being Studied

Interviews with 1,700 Pennsylvania farm employees were slated to begin this week to study the possible effects of making unemployment insurance compulsory for farm workers, it was reported recently by George A Van Horn of Penn State University

The study will be carried out by economists and sociologists in the College of Agriculture at Penn State Objectives will be to help farm leaders, legislators, and economists understand what effect proposed unemployment insurance might have on farm workers and farm owners In charge of the project are Dr. James S. Holt and Dr. Rex H. Warland.

As part of the survey, Drs Holt and Warland have already received over 600 answers to a mail questionnaire sent to a sampling of farm owners and operators These farm employers will be contacted in person to arrange interviews with their workers

Some national legislation for compulsory unemployment insurance for farm workers will likely be passed by Congress in future years, the Penn Staters point out, after discussions with government officials Such compulsory unemployment insurance for employees of large farms has already been considered by Congress

"We hope that the 1,700 farm workers to be interviewed will cooperate in providing information needed. Their cooperation will help us arrive at solutions to some of the important labor problems facing farm workers," Drs Holt and Warland said

Penn State is one of 12 land-grant institutions cooperating on the study An advisory committee of government and agricultural industry personnel is advising on conduct of the study.

Farm Calendar

Saturday, July 4

1 30 p m —Farm Women Society 10, home of Mrs Frank Hodecker, 907 Rohrerstown Road, Lancaster

Monday, July 6

8 p m — Elm-Penryn 4-H Club, Penryn Fire Hall

Tuesday, July 7

9 a m — Dairy Judging practice, Masonic Homes Farm, Elizabethtown.

12 Noon — Marilyn Krantz, 1970 Lancaster County Dairy Princess to be on "Noonday on 8," WGAL-TV.

7 p m —Countywide 4-H Guernsey Club meeting and swimming party, home of Margaret Shope, Village Road, Lampeter

Wednesday, July 8

Delegation of 4-H'ers from Iowa to arrive here, July 13

1 p m —4-H County Demonstration and Public Speaking Contest, Farm and Home Center

8 p m — Lancaster County Soil and Water Conservation District meeting, Farm and Home Center

Thursday, July 9

6 30 p m — Lancaster County beekeepers, Pine Hill Fruit Farm, one mile east of Brunnerville on Orchard Road.

Friday, July 10

1970 Keystone Stud Ram and Ewe Show, Harrisburg

Saturday, July 11

1970 Keystone Stud Ram and Ewe Sale, Harrisburg

12 30 p m — Farm Women Societies 19 and 26, Lititz Church of the Brethren, Lititz

Four Day Public Business Show Slated at Camp Hill July 9-12

The Pennsylvania Begin Your Own Business Show — offering the largest array of part-time and full-time business opportunities ever presented under one roof in Central Pennsylvania — begins Thursday, July 9

Open to the public, the four day event will run through Sunday, July 12, at the new Convention Center, Penn-Harris Motor Inn, Camp Hill, Pa

Harrisburg Mayor Harold A Swenson will join with Miss World U S A., the lovely Connie Haggard, in ribbon-cutting ceremonies at 12 noon Thursday.

In addition to scores of business opportunities and investment firms from all over the nation exhibiting, other show features will include daily appearances by Miss World U S A., free Frostie root beer to all attending, live entertainment, and many giveaways

Featured giveaways include a week's stay at the St Maartens Isle Hotel, in the Netherlands Antilles, and a week's stay at the Galt Ocean Mile Hotel, Fort Lauderdale, Fla

Companies from throughout the United States will be on hand to offer area residents an opportunity to join them in business Their offers are in the form of associates, distributorships, dealerships, franchises, and investments Many feature part-time added income opportunities

Joining with the national firms will be many State and Federal organizations offering free services and counselling to businessmen, and people wishing to begin a business of their own

They include the Small Business Administration, the National Association of Franchises, Pennsylvania Consumer Protection Bureau, advertising agencies, business publications and others

● Chicago

(Continued from Page 2)

supply mainly High Good to Low Prime weighing 850-1050 lbs

SLAUGHTER STEERS — On Wednesday, Prime 1175-1400 lbs. Yield Grade 3 and 4 32 50 33 00, six loads at the latter price, highest since late April. Load High Choice and Prime 1100 lbs. Yield Grade 2 to 4 included at 33 00. High Choice and Prime 1175-1400 lbs Yield Grade 3 and 4 32 00-32 50, Choice 100-1350 lbs. Yield Grade 2 to 4 31 00-32 00, mixed Good and Choice 30 50-31 00, Good 28 00-30 50, Standard and Low Good 27 00-28 00

SLAUGHTER HEIFERS — High Choice and Prime 950-1075 lbs Yield Grade 3 and 4 31 25-31 75, two loads at latter price, highest since late April Choice 850-1050 lbs Yield Grade 2 to 4 30 25-31 25, mixed Good and Choice 29 50-30 25, Good 27 25-29 50

COWS — On Wednesday, Utility and Commercial 21 75 23 50, High-Dressing Utility 23 75 24 00, Canner and Cutter 19 50-22 50

BULLS—At mid week, Utility and Commercial 26 50 29 00.

Pond to Beautify, Give Recreation

Calvin Baker, (foreground) Manheim excavator, marks out the water line for a new farm pond on the Lester Greiner farm, Manheim RD4.

Lester Greiner, (left front) watches workmen put the finishing touches on his new two acre-plus farm pond The Greiner home and farm buildings are in the background.

What does a farmer do with a couple of acres of swampy and virtually useless ground near his home?

Well, build a pond, says Lester G einer, Manheim RD4

That s what Greiner is doing with a piece of water-logged land near his home

The land is a natural site for a pond, with plenty of springs to feed it

Besides eliminating the unsightly and relatively useless mess that was there before, Greiner figures he will have top-notch recreation right close to home

His wife had wanted him to build the pond for the past several years, he said

Greiner expects to enjoy it, too He's going to stock it with fish

The pond was built by Calvin Baker, Manheim excavator, and Howard Shenk was the machine operator for Baker. This week, the work crew was putting stone along the water-line at the spill way to discourage muskrats and were getting ready to put the topsoil back along the water line

Greiner estimates the new pond is 525 feet long and about half that wide, with a breast 100 feet wide at the bottom and tapering to 12 feet at the top driveway The pond will be 15 feet deep at the breast and will cover more than two acres, Greiner estimates

Already looking to the time when he will have a beautiful pond that will net him and his family a lot of enjoyment, Greiner said, "You should have seen this before we started It was awful '

New Christy Minstrels To Appear at Long Park

New Holland Division of Sperry Rand Corporation will present The New Christy Minstrels in concert at the Long Park Amphitheater, Lancaster, Sunday evening, July 12, at 7 30 p m

The program, free to the public, is being presented by New Holland for the community as part of the company's 75th Anniversary celebration

This performance at Long Park will cap off a weekend of 75th Anniversary festivities for New Holland and its employees On Saturday, July 11, employees and their families will attend the company's 30th annual employee picnic at the New Holland Community Park

The New Christy Minstrels, five guys and three girls, made their initial appearance as the NEW Christy Minstrels in 1961 in Los Angeles, have sold millions of records, done dozens of TV shows and have made personal appearances all over the world Their single recording of "Green Green" sold over three million records and was a harbinger of three Columbia gold albums to follow "Ramblin', ' "Today," and "The New Christy Minstrels' Greatest Hits '

Purina Dairy Conditioner Special can prepare cows for good production at low cost

If you're not among the many good local dairymen who have started mixing Purina Dairy Conditioner Special with your own grain to build a research-proved dry cow ration, it can pay you to check into this low-cost way of feeding dry cows.

Purina Dairy Conditioner is a 16 percent protein ration fortified with extra Vitamins A and D plus phosphorus to help guard against milk fever

To help you save on dry cow feeding Purina Research recommends varying feeding levels depending on cow condition and the quality of your roughages For example, if a cow is in good condition and your roughages are of excellent quality you would feed less Purina dry cow ration than if the cow were in only fair condition and if the roughages were of only fair quality

Using Purina Check-R-Mix* formulas we can build you a low-cost dry cow ration, combining Purina Dairy Conditioner with your grain Or, if you're feeding low-protein roughages, it may pay you to feed Dairy Conditioner "straight" — just as it comes from the bag

More and more successful area dairymen are proving that good dry cow feeding pays off in extra cow condition — and extra milk production in the next lactation For example, 100 to 200 pounds of additional body weight at freshening can pay off in 1 000 to 2,000 pounds of extra milk during the lactation

Drop in soon and get your free copy of the Purina Dry Cow Program folder. We'll be glad to point out how Purina Dairy Conditioner Special can help prepare your dry cows for good production at low cost.

*Reg. Trademark—Ralston Purina Co.

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Rheems

PURINA CHOWS

Across the Editor's Desk

Grapes—Mechanical Labor

With some recent interest shown in developing a grape industry in Southeastern Pennsylvania, the following article from a recent issue of Northeast Agriculture may have local interest

Cesar Chavez doesn't draw much water in the grape belt of the Great Lakes region He's the fellow who has been trying to organize the farm workers who pick grapes in California, and the one who has led the agitation for the grape boycott.

Just about every grape in the Great Lakes area will be picked by machine this year, and so if Chavez shows up there he'll have to talk to himself, there will be no migrant grape pickers there to organize.

They do use some hand labor though. Trimming and pruning are still done by hand, and it takes hand labor to tie the vines to the trellis But practically all of this work is done now by local labor A lot of growers do their own pruning through the winter months, and a great many of them are finding their best help in the urban and suburban homes of the area

"Local housewives are the best help I can find," says John Moorhead of Northeast, Pennsylvania Some of them take their children to the fields with them, they get some exercise, some sunshine, and some extra income They seem to like it and so do the growers

There is talk in the area of a machine that will do the pruning and trimming, but it hasn't yet been developed It will be though, says Dr Haesler, of the Penn State Extension Service

How long it will take for total mechanization of the grape industry is a matter for speculation but no one seems to doubt that it's on the way

Table grapes such as they grow in California, present a different problem than grapes grown for processing Nearly all processed grapes in the country will be harvested by machine this year Because table grapes dare not be bruised, harvesting by machine can't be done not yet, at least

But there is little doubt that Chavez has speeded up mechanization where it is practical Many farmers and close observers predict the labor leader will work himself and others out of a job in California, just as he has in the Great Lakes region

Bust, Faster Recovery

From the June Poultry Tribune Commenting on the probable egg situation for late 1970 and early 1971 Joseph G Haddy, California egg producer processor and marketer says

I don't think there's any doubt that we are going to see a bust in egg prices

"I believe, however we will recover from this bust much faster than a lot of people might think we will because decision making is getting into fewer hands

"Producers are getting more and more sophisticated in that they are being kept much more informed about current industry problems"

Seven Youths Complete Farm Safety Instruction

Seven Ephrata High School youths have completed the tractor and farm machinery safety course which enables them to comply with federal farm safety requirements and work in certain hazardous farm jobs

The course for youths under 16 was completed by the following

Daniel Harting, Denver RD2, Barry Burkholder, Ephrata RD1, Galen Martin, Lititz RD4, Barry Wissler, Ephrata RD1 Leonard Martin, Stevens RD1 Kirk Copenhaver, Denver RD1 and Donald Bollinger, Denver RD2

The course was divided into three areas of tractor safety, farm machinery safety and safe tractor and farm machinery operation, noted Charles Ackley, vo-ag teacher

Donald Bollinger received a prize of a triangular slow moving vehicle (SMV) sign for best score in tractor driving

All seven were awarded certificates for satisfactory completion of the safety course at the high school

4-H Activities

4-H Speaking Contest

4-H News

The annual 4-H county demonstration and public speaking contest will be held at 1 p m Wednesday, July 8 in the basement meeting room of the Farm and Home Center

Winners from the county competition will go to the regional contests July 15 at the Owen J. Roberts High School, Chester County

New Holland

(Continued from Page 2)

weights 24-26 Wholesale 26 25-27, Sows 18 50 21, Boars 17-18.

CALVES
June 29, 1970

Receipts of 109 Calves sold $2 00 higher Choice and Prime 50 56 Good and Low Choice 44-50, Standard 38 44, Common 22-36

HAY
June 29, 1970

Nine loads of hay and straw sold as follows Mixed Hay 29-46; Straw 27 50-32

LLOYD H. KREIDER
Auctioneer
and
Sales Manager
Quarryville R#2, Box 180
Ph: 786-3394

Start raising more and better Calves
the Easy NURS-ETTE way

No more carrying pails of warm water or hand mixing milk replacer Just fill the hopper of the NURS ETTE with milk replacer and the NURS ETTE will mix milk replacer and warm water and keep it warm until calf nurses the mix (approx 14 oz)

Then it will mix a fresh batch of water and replacer.

For more information contact

YOUNG BROS.
NURS-ETTE SALES AND SERVICE
Ph. 717-548-2462
Peach Bottom, R D. 1, Pa 17563

LAWN & GARDEN
CALL Elmer Beiler
MODEL 60 CADET TRACTORS

IH 6 HP with 32 inch Mower
IH 7 HP with 38 inch Mower
IH 10 - 12 & 14 HP Hydrostatic
IH 38 - 42 and 48" Mowers

We have in stock some Hahn Eclipse Mowers At 15% Discount.

FULL LINE OF POWER MOWERS
BOTH PUSH AND SELF PROPELLED

SALES & SERVICE

CALL Titus Burkholder
600 Gal. Mojonnier Vacuum Tank with Automatic Washer and New 5 hp. Dun Bush Compressor
650 Gal. Esco Bulk Milk Tank — M.C.D. 1 N.Y. 1½ years old
3 H.P. Brunner Compressor — Belt Driven
2 H.P. Lehigh Compressor — Belt Driven
1 Used Klenezate Automatic Bulk Milk Tank Washer
12 & 7 Can Star Milk Coolers
Lehigh Refrigeration Compressors
Automatic Bulk Tank Washers
NOTICE — We have been appointed Stocking Warehouse for Milk Keeper Bulk Tanks

CALL Leroy Zook
LANCASTER SILOS
ACORN BARN EQUIPMENT
WEAVERLINE CARTS

CALL Chas. Eshleman
See Our Display of Golden Malrin Bait: Also Ortho Fly Sprays — Check Our Prices

Just Arrived
ALUMINUM GATES
10 - 12 - 14 - 16 Foot

JULY SPECIAL
POLYETHYLENE FILM
Covers 32 x 100 — 6 Mill
35¢ foot

CALL Henry Esh
For Sales — Service — Parts
- S.R. 2 Diesel — Like New
- Used 10 HP Deutz
- 4½ HP Banford
- 6 & 8 HP Lister

Area Distributor For Lister Diesel Engines

Large Supply Slow Speed Used Diesels. Check Our Low Prices.

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NEW EQUIPMENT
826 & 1026 Diesel Tractors
990 Mower Conditioners

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D17 AC Tractor w/Mower & Plow
Farmall 560 Diesel
McCormick 76 Combine .... $450.
McCormick 64 Combine .... $300.

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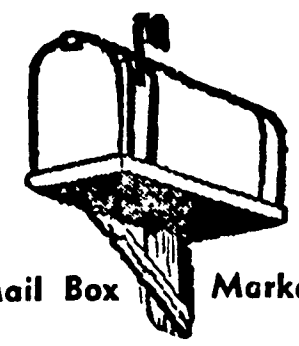
C. B. HOOBER & SON
Intercourse, Penna. Phone 768-8231



For Sale — Purebred Yorkshire boars bred gilts and open gilts Carcass championship bloodlines Willow Glen Farm, R D. 1, Strasburg, Pa. Ph. AC 717-786-2562.

For Sale — Shropshire rams — lambs, yearlings and older Shrops give more lambs, more meat, more wool Warm Men hennett Bryson Rd, Cochranville Pa 215 593-5726

For Sale — 22-36 McCormick Deering Tractor good condition, 3½ hp Lister Diesel 100 Sex Sal pullets laying Daniel B Smucker Gordonville RD1, near Zeltenreist Church

For Sale—International 403 combine with cab, 429 corn head, 16 ft grain platforms Phone 548 2640

For Sale—717 New Holland Forage Harvester with 2 row corn head Also McCormick balanced head mower Phone 367-2033

For Sale — Border Collie pups $5 00 each Also Guernsey Heifer about 8 months old $165 00 Raymond Sauder, Ephrata RD3, Phone 733-8579

Wanted—Corn silage in the Kirkwood area Call 529-2314

For Sale—Badger Barn Cleaner nearly 200' chain for 16" gutter, also forced hot air oil burner furnace Elmer S Zook, RD1, Box 107, Drumore, Pa 17518, from The Buck take Rt 272 South turn right at 4th road, 2nd farm on left

Mail Box Market

For Sale Yorkshire and Landrace Gilts and Boars service age from registered foundation stock. Palomino pony 2 yr old, broke to ride 15 sheep and lambs, 2 rams capons alive or dressed, 16 x 10 building on skids, good condition Amos Beiler, Quarryville RD3 6 mi S of Strasburg off May Post Office Rd, near Mt Eden Church

For Sale — Kingpin Bull, ready for service, registered Also heifers due July, August, Sept. Phone Ephrata 733-7195

For Sale — Allis Chalmers hay crimper, about 3 years old in fine condition, Reasonable Call 367-2025

Wants to Buy—Young mallard ducks and feeder pigs Phone 626 8181

For Sale — Coonhound pup, 6 weeks old, parents extra good tree dogs, $15 each Ph 464 3230.

For Sale—John Deere 12A combine PTO with bin and 40 bu bagging box Excellent condition. Phone 626 7526

For Sale—White Rock Broilers; also child's play pen, new Jacob King, ½ mi east of Quarryville.

For Sale—50 tons of ear corn; DeLaval hot water heater Phone 867-2097

For Sale—New Idea hay loader; McCormick Deering grain binder, runs in oil Phone 267-6324.

For Sale — Two ½ Charolais Bulls. Robert Strickland, Bainbridge RD1, Phone 426-1763.

Wanted—Wooden silo, 10 to 12 foot diameter preferred Henry E. Beiler, 129 S Maple Ave, Leola, Pa 17540

For Sale—175 gal gasoline tank with 10 ft high pressure hose, A25-14 wheel Call before 8 P M. 653-4743

Wants to Buy — Straw out of field Phone 626-5532

Help Wanted

Wanted—Semi retired man for sales work in Poultry field Experience preferred Write Box 266Y, c/o Lancaster Farming, Lititz, Pa

Livestock

7 August Steers — Nearing 1000 lbs Top Shape for heavy feeders — 32c Riverwood Farm, Peach Bottom, Pa 717-548-2156

Wanted to Buy—Red and White Holstein Heifer Calves. Karl Herr, Kirkwood RD1, Phone 529-2361.

Real Estate

Dairy and beef farms, some stocked and equipped, retirement homes, 5-acre camper site—22 sites for campers, modern heated bath house, water, electric, natural gas heat, 20 tables and fire places in full operation, good location, plus camper sales business, with good 2-story 9 room house, on Rt 14 which gets the traffic going north to the lakes This business is increasing each year.

HAROLD F. FRENCH, BROKER
Troy, Pa 717 297-2603
WAYNE J. WARD R.E.S.
Gillett, Pa. 717-596-4095

POULTRY farm, 15 acres, modern home, 25,000 sq. ft. bldg. space. Located up state Pa. Luzerne Co. For further information call 717-859-2751 evenings.

Buildings and Supplies

YOUR BEST BARN BUY!

. . for quality and economy is . . THE CECO CLEARSPAN PACKET BUILDING covered with weathertight corrugated steel CECOROLL with galvanized or baked-on vinyl colors Write or phone for full information and the name of the dealer in your area.

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210 Sassafras Street
Selinsgrove, Penna. 17870
(717) 374-8157

Sale Register

SAT JULY 4—1 30 P M Feeder Pig Sale located 2½ mi S of Bethel from U S 22 and 6 mi N of Myerstown, Pa along U S 501 Sale by Norman M Martin, Myerstown RD1, Pa

THURS NIGHT JULY 9 — 8 P M Public Night Sale of Valuable Livestock located 5 miles north of Rt 222 along 897, 2 miles North of Reinholds Sale by Vernon and Ray Kline Owners

MON EVE JULY 13—Martin's Sale Stables, Blue Ball, Pa Special Sale of Kentucky Saddle Horses Sale by Paul Z Martin, Ph (717) 354-6671

MON. AUG. 24—Shalco Collpssa Vacation Sale, Minatare, Nebraska.

FRI. NOV. 6—Colossal Bull Event, Sugar Loaf Farms, Staunton, Virginia.

SELL ★ YOUR BUTCHER HOGS DIRECT TO

ARMOUR CO.
READING, PA.
We will be glad to look at your hogs & bid you.
CALL AL SHAFFER AT
(215) 376 2941.
Evenings (215) 779 3847

Miscellaneous

WOOD SHAVINGS Ideal for work-ways and bedding. $12 per ton Can be delivered in bulk loads of 10 12 tons Less expensive than straw or tanbark Contact Bob Geist at Leola Supply Co Inc. Ph 717 656 6811.

For Sale — Dried Wood Shavings Store now for winter, use while available Phone 215 267 6726

Dairy Equipment

285 gal. Girton self contained, ready to plug in. Good condition.
200 gal. Girton bulk tank
300 gal. Esco, good condition
CLARK ELECTRIC
R1, Kinzers, Pa.
Ph. Intercourse 768-8228

Miscellaneous

For Sale — MUSHROOM SOIL for your lawn and garden.
GAP NEWPORT
MUSHROOM FARMS, INC.
Ph. Avondale 215 268 8808
Lancaster 394 2611

Sale Register

An upstate sale Tues Eve., July 7 at 6 p m, at North Fork, off Rte 49 at Westfield Farm sold and selling 53 very milky Holsteins, 3 tractors, all machinery, horse-drawn items, plus furniture and antiques (which sell first!) Mr. and Mrs Ernest Sabin, owners Another sale by RUMSEYS — 226 Liberty St., Bath, N.Y. (607-776-3478).

Close Out On The Following
New Equipment

JD10 and 50 mowers
JDF325-3-16 inch hydraulic trip plow
JD24T Baler, JDAT40 and 2 row cultivators
JD1020 RUD

USED EQUIPMENT

Mowers: JD5, AC Side mtd., Bushhog rotary mower
Rakes: JD896
Hay Conditioner. JD22 like new
Baler 14T with No 1 bale ejector
Combines: JD12A engine bin, JD30 PTO bin, JD 45SP
Cultivators. 2 row for JDA, B, H, MT or 60; JD 4 row lit mtd
Elevators: Little Giant 10 ft drag
Forage Harvesters: JD8, JD6, NH800 all with hay attachments
Rotary Hoes: JD14 two section, Ford 3 pt.
Corn Pickers: JD227 with multi-lub, JD 50 sheller attachment
Forage Wagons: JD112, NH No. 6
Tractors: JD4020, 4010, 3020, 3010, 720, 620, 520, 60, A, B, H; Ford 4040 with loader; Case 511B
Miscellaneous — many disk harrows, cultipackers, spring tooth harrows, and plows.

MILLER'S
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Highway 851 **Stewartstown, Pa.**
York County's Progressive Dealer
Ph. 717-993-2470
John Deere & Brady | Dahlman Potato Harvesters | Brillion & Lely

PUBLIC NIGHT SALE
of Valuable Livestock
THURSDAY NIGHT, JULY 9
starting 8:00 p.m. sharp

SALE LOCATED 5 MILES NORTH OF RT. 222
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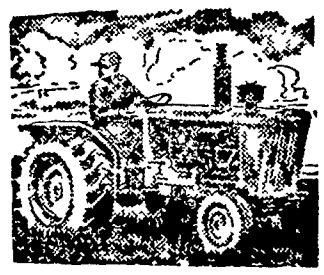

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Lancaster County's Versatile 1970 Dairy Pageant Winner is:

Princess, Leader, Farmer, Artist

By Mrs. Charles McSparran
Farm Feature Writer

The attractive sixteen year old Marilyn B Krantz of Sawmill Road, New Providence RD1, was chosen 1970 Lancaster County Dairy Princess June 23

She is a blue eyed, golden blonde with a lovely tanned complexion and has a soft toned voice — a real beauty queen Maybe one reason for her peachy complexion is that she loves milk This should make a good Dairy Princess

This charming, independent, five foot five and a half inch lass with ambition and leadership ability shows potential qualities which should take her right to the top for the State Dairy Princess title September 24 at Harrisburg

They say beauty is only skin deep but Marilyn has that extra something of genuine character and pleasing personality that not only enchants and captivates one immediately but leaves a lasting impression

As County Dairy Princess, Marilyn will make several appearances at dairy related meetings during the year. Her first appearance will be next Tuesday when she will be on "Noonday on 8" on Channel 8 TV.

Besides her tiara and bouquet of red roses she received as County Dairy Princess she also received a piece of blue luggage, a charm bracelet and about a $150 complete wardrobe from Donecker's store in Ephrata

Marilyn is the daughter of Elvin B Krantz and the late Meda C Dombach Krantz, who passed away nearly three years ago Since that time Marilyn has been keeping house for her father

She has been carrying on her mother's duties as well as her own 'Tis said, "she is following in her mother's footsteps," having inherited her mother's talents as an artist, a good cook and housekeeper and liking antiques

Mrs Krantz's parents both died when she was a small child and she was raised by an aunt at Millersville She and Mr Krantz were very fond of antiques and acquired some from their families and bought some and had them refinished Mrs Krantz had a natural ability to sketch and paint and further developed this talent by taking a correspondence course at Famous Artist Schools, Westport, Conn She did many beautiful paintings, having sold several, including two which hang in the First National Bank of Strasburg She did mostly realistic paintings and portraits The family is fortunate to have several of her paintings which hang in their home. She was an active person, having belonged to the Lancaster County Art Association and was a 4-H Leader for a group that met at Providence Elementary School

Marilyn at her drawing board painting six horses she has just sketched. In background may be seen one of her oil paintings.

Marilyn's five year old "Pixie" is a real pet and it's plain to see that the two are old pals.

The Krantzes have been on this 89 acre farm since 1951 Until this year Mr Krantz farmed it alone but this year Marlin Schnupp farms the ground on the halves He farms crops which are used mainly for the dairy herd. He is growing five acres of tobacco There are 25 acres of pasture land

Mr Krantz has 50 head of registered Holsteins, 35 being milking cows and the rest young stock He uses the prefix "Almeda" for his cows names which was part of his name and part of his wife's name He takes care of the herd himself His herd average for the past few years has been around 15,000 pounds of milk and 510 to 520 pounds of butterfat He has owner-sampler testing He is a member of Inter-State Milk Producers Coop He formerly belonged to the Young Farmers organization

Mr Krantz, the son of Ivan D Krantz, now of Quarryville but formerly of near Strasburg, took a commercial course in high school With the exception of one year since graduation he has farmed

For almost a year he has worked for the Crawford Broadcasting Station at Radio Station WDAC on advertising sales, going out over a large territory as far east as Narvon and Coatesville, north to the mountains and getting into Delaware and Maryland The Percy Crawford Estates operates seven AM stations and three FM stations across the nation.

He drove a school bus in Providence Township for David (Stony) Eschbach Jr, for 15 years He is a member of Providence Township Ambulance Service where he gives regular and special assignment service on the ambulance He took ambulance training and completed advanced training, also took first aid and training at the hospital for an ambulance attendant This ambulance service covers a territory from Camargo, Hessdale, Holtwood Fishing Creek and north to the Pequea Creek and does reciprocal work with the Quarryville Community Ambulance Service

He taught a fourth and fifth grade Sunday School class at the New Providence Mennonite Church for twenty years He is township auditor He is secretary of the community cemetery board at his church He enjoys flying and has his student's flying license He takes lessons at the Oxford Airport

Marilyn was 1966 Junior 4-H Queen of Lancaster County and is the 1969 Senior 4-H Queen of Lancaster County As such she will crown the new queen the evening of August 28 as a climax to the County 4-H Achievement Day Tryouts for the queen will be August 6 Members of local 4-H clubs nominate the girls. Ten are selected—five for the junior division and five for the senior division

Marilyn has been in the Lancaster County 4-H Holstein Club since she was nine years old. She had a first year cow for two years and another cow "Pixie" for three years She now has Pixie's daughter "Lisa" for the second year, last year as a junior calf and this year as a senior calf project. She enjoys getting these projects ready. She still has Pixie. She is about five years old and a real pet

She has been a member of Lampeter-Strasburg Merrimaids 4-H Club for six years and has served as president, secretary, treasurer and game leader. She was in their cooking club until she was 13 and in the sewing club six years She is in free lance now

Marilyn loves horses She has had a horse since she was eight years old Her first horse died two years ago and then she got a new young one "Duchess"

Marilyn attended Providence Elementary School and sometimes rode her horse to school. She was in the school chorus

(Continued on Page 20)

Lancaster Farming

SECOND SECTION

Penn State Research Suggests Plastic Coated Containers

Light Creates Oxidized Milk

Food shoppers would do well to buy homogenized milk in plastic coated paper cartons or plastic bottles that do not transmit excessive light, dairy scientists at Pennsylvania State University suggest

These scientists, and researchers elsewhere, have carried out studies that found that light creates an off-flavor called oxidized milk when the light penetrates slightly opaque plastic or clear glass bottles

Of containers studied at Penn State, plastic coated paper gave the best protection against this oxidation, according to S E Barnard and G H Watrous Jr, of the College of Agriculture The oxidized flavor developes they say, when homogenized milk is displayed in store cases under strong fluorescent light or sunlight

In the Penn State survey of 1,057 samples of milk from retail stores, 165 were considered oxidized Of 104 samples in clear plastic containers, 79 per cent were oxidized, compared to 49 per cent of the milk in glass bottles Only 7 per cent of the milk in plastic coated opaque paper was oxidized, reports George A Van Horn, Penn State extension writer

Experimental plastic bottles containing 4 per cent titanium dioxide permitted less light penetration than was found with the usual plastic bottles Barnard and Watrous point out Cooperating on the study were R A Keppeler in agricultural engineering and W W Coleman in dairy science

In addition to creating an oxidized off-flavor light produces other changes in milk There are losses of essential vitamins, especially riboflavin While milk is not considered a major source of ascorbic acid this vitamin disappears rapidly when milk is exposed to sun light

The milk under study was stored in two typical display cases — one an open case and the other a two shelf case with glass enclosed sliding doors Light readings in foot candles were made on the outside and inside of each milk container A milk processor and a plastic supplier cooperated in the study

The analysis showed that oxidized flavor develops rapidly when package protection is low and light intensity is high The results suggest that an improved molded plastic container is possible for protecting milk from light

Complete details on this study will be found in the Summer issue of "Science in Agriculture," the research quarterly published by the Agricultural Experiment Station at Penn State "Science in Agriculture" will be available in early July Van Horn said.

Legislators Should Solve Problems Before Fall Election, Grange Says

Fulton Grange 66 held its regular meeting June 22 in the Grange Hall at Oakryn Richard Holloway, Master, conducted the business session when the Grange went on record opposing the removal of the monument from its present location in center square in Lancaster City

The Grange also went on record against the irresponsible way of solving the financial dilemma which the commonwealth is in today, stating that instead of appropriating money to run the government for eight months, state legislators should have the nerve to stand up to their legislative responsibilities and solve it now before the general election and not leave the obligation for the next governor to solve

The Grange took action to inform the Commonwealth Telephone Company of problems many patrons are experiencing with telephone service when it comes and unusual delays in having repairs made

Grange members attending this meeting signed a petition in support of the President of the United States and the American system of government which will be presented to President Nixon in conjunction with similar petitions from granges all across the nation July 4 which has been proclaimed "Honor America Day" The week of June 28 through July 4 is to be known as "Rededication to America Week"

A $5 donation was given the American Junior Citizens Club of Solanco to purchase a book on patriotism for the school library An offering was taken amounting to $21 65 which was given to the Southern District of the Lancaster County Council of Boy Scouts of America to continue their scouting program and a $10 donation was voted to the National Grange Youth Fund

The following people from Fulton Grange attended the Pennsylvania State Grange Leadership School at Gettysburg June 23 25 Mrs Jesse Wood, Mrs Stanley Stauffer Jr , Mrs Charles Reath, Miss Joyce Galbreath, Mrs Charles McSparran, Mrs Elaine Stoltzfus and Mrs Jacob Fantom

Several members attended the Pomona District visitation meeting June 27 at Woodside, Bucks County and assisted in presenting the program

The Women's Activities Committee served a banquet to the Friendly Farmers Club June 27 at the Grange hall The committee is accepting entries for the needlework contest

The Youth Committee is sponsoring a bus trip to Cowtown Rodeo in New Jersey July 11 1970 leaving the Grange hall at 5 p m Miss Sylvia Shirk is taking reservations Clifford Holloway III is taking reservations for a bus trip to the Baltimore Boston baseball game at Baltimore August 4 Reservations to attend the State Grange Youth Camp July 17, 18 and 19 must be made through Miss Shirk by July 8

Mrs Stanley Stauffer Jr lecturer opened the program by conducting a Fathers' Day quiz and also gave a reading "What Is An American

Boy Scout Troop 330 which is sponsored by Fulton Grange, was present and conducted an informative exercise about flags which were used from the time the colonies were settled to the present time It was written and illustrated by Rev Howard Huddleson one of the troop leaders David Adsitt was narrator

Scoutmaster Ray Sawyer presented the troop charter to grange master Richard Holloway David Adsitt received a Reading Merit badge and Mark Sawyer a Citizenship in Nation badge in a Court of Honor service Other scouts taking part on the program were Richard Black Mike Shuler, Jeff Witmer and Steve Jacobs

Salisbury Grange will present a program on "Brazil" at the next meeting July 13, and Colerain Grange will fill officers chairs.

.22 Ammo Registration Repeal Urged by Scott

Pennsylvania's US Senator Hugh Scott today lined up squarely behind the move in the US Senate to repeal sales registration requirements for 22 caliber rimfire ammunition

Scott, Senate Republican Leader, co sponsored S 3724, legislation known as the "McGee" bill The bill would repeal portions of the Gun Control Act of 1968

Last year, the Bennett-Scott amendment repealed such ammunition recordkeeping requirements for long rifle and shotgun ammunition

In a speech prepared for Senate floor delivery Thursday, Scott said "I join as a sponsor of S 3724, a bill to amend the Internal Revenue Code with respect to registration requirements for 22 caliber rimfire ammunition I believe that the present provision in the Gun Control Act places an unfair burden upon a great majority of law-abiding citizens in this country, including over one million Pennsylvanians who use 22 caliber ammunition for hunting and target shooting purposes"

Scott said he was particularly concerned about the 'endless forms' which Pennsylvanians have had to stand in line for and to fill out every time they purchased ammunition

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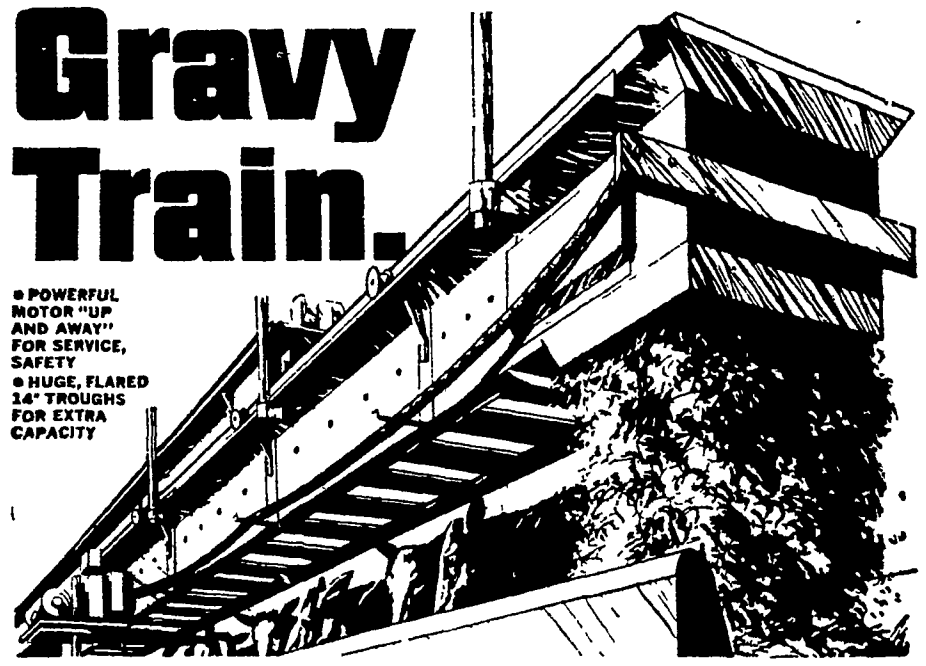

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Livestock Day Set at Penn 'U' July 23

Judging contests, educational demonstrations, and a special career program for high school students will be feature attractions at the State Livestock Field Day scheduled for July 23 at Pennsylvania State University

The field day is being sponsored by the Pennsylvania Livestock and Allied Industries Association and Penn State Department of Animal Science.

"The program is being developed so that it will be of interest to both large and small livestock producers as well as those who participate in the business on a part-time basis," said Dwight E. Younkin, Penn State Extension livestock specialist.

The morning sessions, which will start at 10 a.m., are to be located at the various University livestock centers and will feature educational topics concerning the four major species—beef, sheep, swine, and horses, Younkin explained

The swine program will include a tour of facilities at the Swine Center and Meat Animal Evaluation Center and a junior judging contest The e also will be a discussion on boar selection and general swine management

For the beef cattle enthusiasts specialists will conduct sessions on type comparisons of bulls and females and carcass evaluation There will be cow calf matching competition and a calf and yearling grading demonstration

Sheepmen will have an opportunity to participate in discussions concerning type changes in wool, feed efficiency and rate of gain, and carcass evaluation

Highlights of the educational horse session will be a showing demonstration, halter class judging, and reining and western riding exhibitions

High school students interested in learning more about the many career opportunities in the livestock field may attend two sessions "Animal Industry and Science" will be presented by Dr B R Baumgardt, and "Animal Industry and Production" will be led by Glenn R Kean Both professors are Department of Animal Science faculty members

The afternoon program will include the business meeting of the Pennsylvania Livestock and Allied Industries Association with George Connor of Harrisburg association president, in charge

David H Stroud president of the National Livestock and Meat Board Chicago Ill will serve as main speaker discussing "The Past Present and Future of the Livestock and Meat Industry

Genetics Influences Poultry Efficiency, Researcher Finds

Dr B A Krautman presented evidence indicating a difference in the growth rate of two different inbred lines on diets limited in lysine and methionine At the end of three weeks on a good diet, both inbred lines grew at about the same rate Poultry genetics influence nutritional response, according to Penn State research

Lysine deficiency produced a slight difference and methionine deficiency produced a twofold difference in growth rate between the two inbred lines When both amino acids were deficient, the difference in growth rate was almost threefold.

Since most of the good commercial birds are crossbreds, these characteristics have to be retained in the cross, if it is to be of economic value to the poultry industry.

Further evidence was presented indicating that different crosses responded differently to diets marginal for protein and/or methionine. Some laid fewer eggs, some over consumed to compensate for deficiencies, and others reduced egg size or depleted body stores These characteristics could occur singly or in combination in different crosses

When crosses can be developed which have lower protein and amino acid requirements, the cost of producing eggs will be reduced through reduced feed costs

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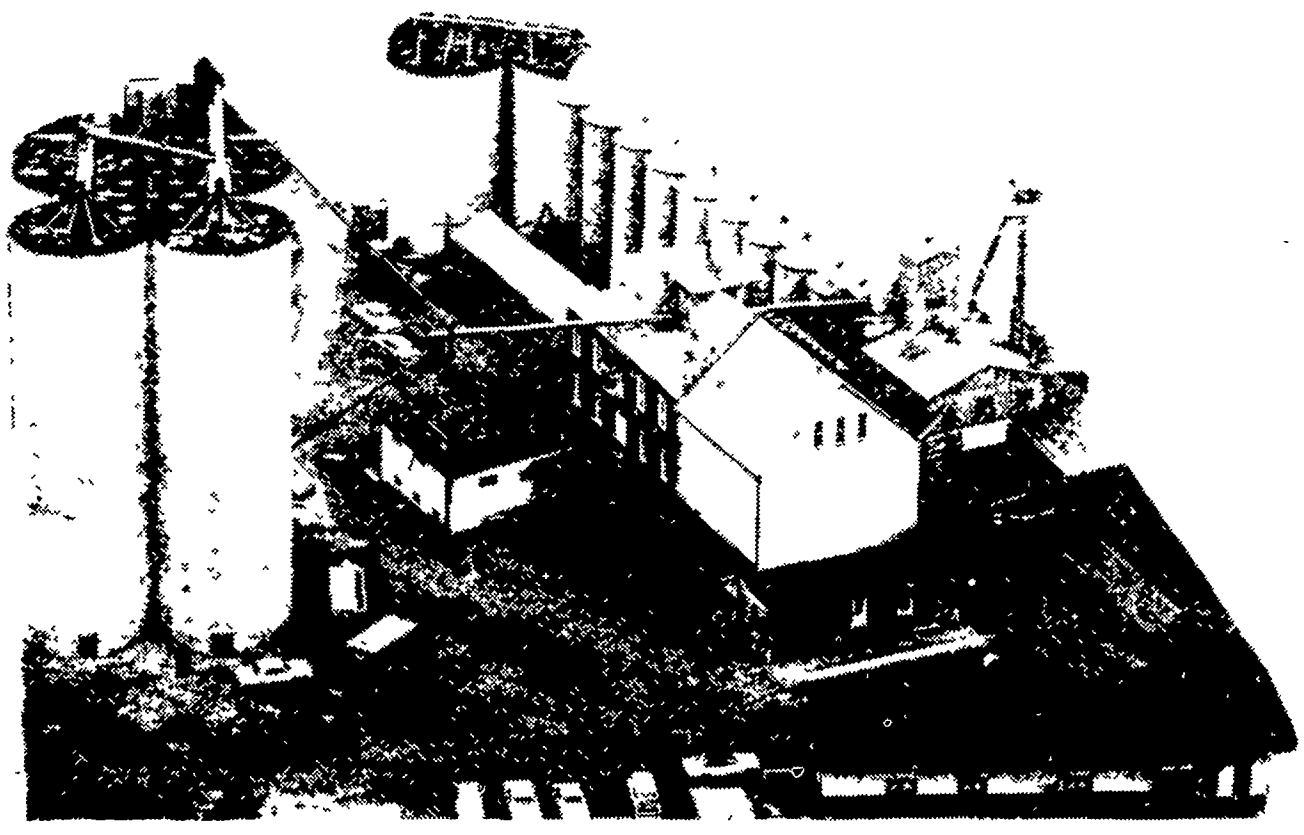

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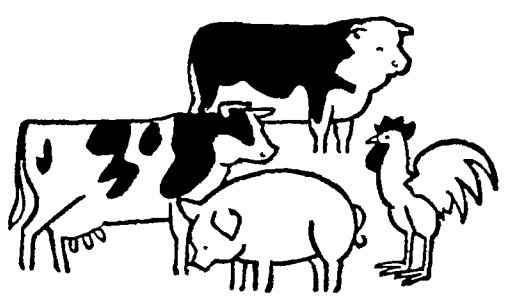

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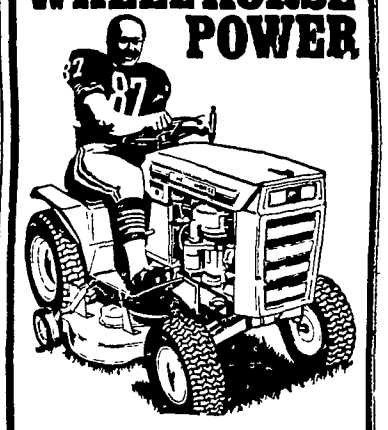

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Princess, Leader, Farmer, Artist

(Continued from Page 17)

when in fourth and fifth grades She will be a senior at Solanco High School this fall

She is taking the Academic course and her favorite subject is art She is a member of the Art Club There are about nine in it This year they sponsored an art show and earned the money to finance it Next year they plan to sponsor one for professionals They want to earn $1,000 to defray costs and purchase paintings for the school

She enjoys sketching and painting realistic pictures such as portraits, landscapes and animals Her favorite subject is horses She doesn't care for modern art She is also enrolled in a correspondence course for teenagers at the Famous Artist Schools where her mother studied She sells some of her paintings to friends After graduation next year she plans to go to York Academy of Arts

She is a member of the Equestrian Club at school They hold meetings and this year held bake sales The proceeds were used to finance a horse show

She is a member of the Spanish Club She has taken Spanish three years, although she prefers English to Spanish She is in F T A and on the staff of "Southern Lites," their yearbook. She is on the "Quill" staff, the school newspaper, and writes for the guidance department

Marilyn is active in the New Providence Mennonite Church She is secretary of her Sunday School class and on the planning committee for their youth group She is looking forward to teaching at Daily Vacation Bible School next year

She likes all kinds of sports such as skiing, swimming, roller skating, ice skating, horseback riding and bicycle riding

She took swimming lessons when she was five years old, diving lessons at nine years and in between took lessons from the Red Cross at Quarryville pool For nine weeks this spring she took a life-saving course and advance swimming lessons at the YWCA in Lancaster She is a lifeguard and swimming instructor at Black Rock Retreat in the afternoons this summer

She like her parents, is fond of antiques She took a few lessons on the guitar and picks at the piano some, although she never took piano lessons She says, "I love to cook" She collects model horses and has about 95 in her collection She has all kinds and they came from different states and different countries Of all her hobbies she says "sketching is my main hobby"

Marilyn starts young calves for her father She helps with harvesting in the fields and mows their lawn She used to help more in the fields and helped with the heifers when she had more time

Marilyn has one sister, Carol Ann, who married Bruce Stolpe three and a half years ago They have one son, Doug and live at Leola Her husband works at RCA

Here are some recipes Marilyn enjoys making and are their favorite dishes

POTATO SOUP WITH CELERY AND EGGS

- 2 cups diced potatoes
- 1 medium-sized onion
- ¼ cup celery
- 2 tablespoons butter
- 3 hard-cooked eggs, chopped
- 1 quart milk
- 1 tablespoon chopped parsley

Salt and pepper

Boil diced potatoes and onions together in three cups water Add one teaspoon salt Add chopped celery when potatoes are partially cooked When potatoes are soft, pour in heated milk and add chopped eggs Add parsley and butter just before serving Serves four

The new Lancaster County Dairy Princess, Marilyn Krantz prepares for a busy year of activities. Displayed are her charm bracelet, luggage and souvenir program when she was crowned queen.

CRACKER PUDDING

- 4 cups milk
- 2 eggs, separated
- ½ cup sugar
- 2 cups coarse cracker crumbs
- 1 cup shredded coconut
- 1 teaspoon vanilla

Elvin Krantz
Marilyn's Father

Scald milk in top of double boiler Beat egg yolks and add sugar Add this mixture gradually to scalded milk Stir constantly Allow to cook for one minute and then add cracker crumbs and coconut Stir until cracker crumbs are soft and mixture is thick Remove from heat and add vanilla Pour into a buttered baking dish Spread with meringue made by beating three tablespoons sugar into stiffly beaten egg whites Bake at 350 degrees until meringue is a golden brown Makes six to eight servings

BAKED CORN

- 2 cups cooked or canned corn
- 2 tablespoons fat
- 1½ tablespoons flour
- 1 cup milk
- 1 tablespoon sugar
- 1 teaspoon salt
- ⅛ teaspoon pepper
- 2 eggs
- ½ cup buttered crumbs

Melt the fat and add the flour. Add milk gradually and bring to the boiling point, stirring constantly Add corn, sugar, salt and pepper and heat thoroughly Remove from heat and add beaten eggs Pour into a greased baking dish and sprinkle with buttered crumbs (To make buttered crumbs, melt butter in a pan and add the dried bread crumbs.) Bake at 350 degrees for 25 minutes or until corn is firm Serves four

BANANA-SWEET POTATO BAKE

(Excellent take-along dish, pretty too)

- 3 cups mashed cooked sweet potatoes (6 medium)
- 2 ripe bananas, mashed
- 1 teaspoon salt
- ¼ to ½ cup light cream
- 1 cup miniature marshmallows

Combine hot sweet potatoes (mashed until smooth) and bananas Add salt and sufficient cream to make a soft, fluffy mixture.

Place in buttered one quart casserole Dot top with marshmallows. Heat in slow oven (325

(Continued on Page 21)

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● For The Farm Wife

(Continued from Page 20)

degrees) long enough to brown marshmallows, about 45 minutes. Serve piping hot. Makes six servings.

NOTE You can make two casseroles of this vegetable treat for 10 to 12 servings.

CHERRY COBBLER

- ¼ cup shortening
- 1 cup sugar
- 1 egg
- 1½ cups flour
- ½ teaspoon salt
- 2 teaspoons baking powder
- 1 tablespoon tapioca
- 1 tablespoon lemon juice
- 2 tablespoons butter
- ⅓ cup milk
- 2 cups cherries, sweetened

Sift flour and measure Sift flour baking powder, salt and sugar together Cut shortening into dry ingredients Beat egg and add milk Combine with flour mixture Stir until flour is damp Pour cherries into a greased, shallow baking dish Sprinkle with tapioca, add lemon juice and butter Drop batter in 6 mounds on top of cherries Bake at 400 degrees for 30 minutes Serve warm with milk or cream. Makes six servings.

VARIATION: Replace one cup of cherries with one cup pineapple chunks and follow directions as given.

PIGS IN THE BLANKET

- 1 pound hamburger
- ¾ cup tomato juice
- 1 small onion, minced
- 1 teaspoon salt
- ¼ teaspoon pepper
- ½ teaspoon worcestershire sauce

Make your favorite biscuit dough or use a prepared biscuit mix Roll to one-fourth inch thickness and cut into four inch squares Place one tablespoon meat mixture in center of each square Fold over dough so meat is covered Place in greased pan and bake at 425 degrees for 40 minutes Makes eight "pigs"

FARM WOMEN SOCIETIES

Society 26

Farm Woman Society 26, Manheim, met recently at the home of Mrs Abram Mummau, Manheim RD2, with Mrs Paul Brubaker as co hostess

Two new members were welcomed Mrs Robert Brubaker and Mrs Harold Sipling

Members were encouraged to write to their state representatives concerning X rated movies

Society 19 will entertain Society 26 on July 11 at 12 30 p m at the Lititz Church of the Brethren. Lititz Society 26 will hold their family picnic at the Manheim Memorial Park on July 26 at 1 p m Each member is to bring a covered dish and the Society will furnish the sandwiches and coffee

Mrs Noah J Fuhrman, Lititz was the guest speaker and presented a Pennsylvania Dutch skit entitled "Furhoodled"

Next meeting will be Aug 27, when the members will tour Hershey Medical Center, Hershey They will meet at the Clearview Bowling Lanes at 6 45 p m to go to Hershey After the tour the members will go to the home of Mrs Dave Garber, Marietta RD1, for a meeting

Society 18

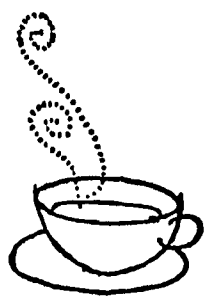
The June meeting of Farm Women Society 18 met at the farm home of Mrs John Herr, 1564 Millport Road, Lancaster Devotions were led by Mrs Jerome Brubaker

Members answered roll call by telling of their favorite camping or picnic area Miss Edith Herr spoke on camping and outdoor cooking

Also in June, Society 11 entertained Society 18 at the Methodist Church in Quarryville at a luncheon Verna Albert spoke to a large group on herbs, relating the subject to the Bible

Members were encouraged to assemble migrant kits and also to remember Anne Forbes on her birthday Miss Forbes was Lancaster County home economics extension agent for many years

Ladies, Have You Heard? . . .



By Doris Thomas, Extension Home Economist

Labels Tell Inside Story

Label reading can cut your food costs

If you read it right, the label on federally inspected meat and poultry products can be your best friend when you shop

THOMAS

These products must be checked for composition and then labels checked for truthfulness by the U S Department of Agriculture's Consumer and Marketing Service before they can be produced

If, for example, you are planning chili as the main dish in your menu shop for 'Chili Con Carne" A federally inspected can of this product must contain at least 40 per cent fresh meat and would be suitable for the main course in your meal An item labeled 'Chili Sauce with Meat" need contain only 6 per cent fresh meat, and you would probably want to supplement it to assure a nutritious meal.

If you are like most consumers, you associate certain characteristics with the product name on a label To help assure that the product you buy has the characteristics you associate with it, USDA sets standards that describe what a product must contain Such requirements specify things like the minimum amount of meat, the maximum amount of water, and what other ingredients may be used in the product

For example, 'Beans with Bacon in Sauce" must have at least 12 per cent bacon, while "Beans with Franks in Sauce" must include at least 20 per cent franks

"Beef Stroganoff" must be made with at least 45 per cent fresh uncooked beef or 30 per cent cooked beef, and at least 10 per cent sour cream or a "gourmet" combination of at least 7 5 per cent sour cream and at least 5 per cent wine

A "Turkey Pot Pie" must contain at least 14 per cent cooked, deboned turkey meat. "Chicken Soup," under Federal inspection, can contain no less than two per cent chicken meat

For some products, such as chopped ham and oleomargarine, complete standards of identity have been established by USDA These standards require specific ingredients to be present.

Under composition standards such as these, the product name can tell you a great deal about what is inside But the label can reveal still more helpful information to those who take the time to read it

It lists the ingredients — starting with the one weighing the most, and continuing to the one weighing the least, storage or cooking instructions when necessary the net weight of the product, the packer s or distributor's name and address, and the mark of inspection In other words, it lets you know what you are paying for

Packaging too, comes under the watchful eyes of Federal inspection It cannot be deceptive

Pictures for example, must truly represent what is inside the package If any garnishes or serving dishes are shown the words 'serving suggestion' or suggested serving' must appear with the picture

Informed about Federal standards and labeling you will be ready to start reading labels to save money on your next trip to the grocery store

Plentiful Foods for July

July shoppers will be offered a wide variety of their favorite foods, according to the U S Department of Agriculture Consumer and Marketing Service's Plentiful Foods List

The list for July carries always - popular broiler - fryers, honey, fresh summer vegetables, watermelons, fresh peaches and fresh plums, fresh and processed lemons and limes and rice

Marketings of broiler-fryers are expected to run eight per cent ahead of last July, so there will be plenty of these succu-

(Continued on Page 23)

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Local Senior Aged Holstein Is Record Producer

The Holstein-Friesian Association of America has announced that Bayfield Ty Grawin Johanna 39,32472 (EX 3E), owned by J Mowery Frey & Son, Fultonway Farm Lancaster, has completed the fifth highest official national butterfat record made by a Senior Aged Registered Holstein milked twice daily in both the 305 day and 365-day division of the DHIR program

Her official 305-day production totalled 21,150 pounds of milk and 908 pounds of butterfat She continued to milk for a 365 day record of 23,528 pounds of milk and 1,009 pounds of butterfat.

"Johanna" was bred in the herd of George F Causey, Bayfield Farm, Wakefield, Rhode Island She was sired by Osborndale Ivanhoe 1189870 (EX), a bull that has earned Gold Medal Sire recognition.

Topping this age group in butterfat in both the 305-day and 365-day divisions is Penstate Lucifer Anna Star 3279562, a Registered Holstein owned by Pennsylvania State University, University Park Milked twice daily, she produced 23,294 pounds of milk and 1,048 pounds of butterfat in 305 days and 25,612 pounds of milk and 1,163 pounds of butterfat in 365 days

The national Association also announced career food production totals for Registered Holstein cows in this area exceeding 100,000 pounds (46,500 quarts) of milk

The official testing program is sponsored by the Association and supervised by the state and local testing organizations

Because of the high cost for herd replacements, cows that stay in the herd longer and achieve high lifetime production have proven to be more profitable The Holstein Association has 35,500 cows on file that have attained the 50-ton production milestone

Local Holstein breeders and their longtime producers reported by the organization include

Roaring Maples T T Ivanhoe 5353882 (GP), 110,080 pounds of milk and 4,123 pounds of butterfat in 2,350 days She is owned by Roy H & Ruth H Book, Ronks

Breezy Glen Regal Dianne 5123639 (GP), 134,160 pounds of milk and 5,631 pounds of butterfat in 2,869 days; Breezy Glen Ty Vic Lavon 4560566 (GP), 119,810 pounds of milk and 4,532 pounds of butterfat in 3,601 days; Breezy Glen L S Sus 4525031, 110,140 pounds of milk and 4,998 pounds pounds of butterfat in 3,753 days, Breezy Glen Dean Snowball 5000724 (GP), 108,580 pounds of milk and 4,253 pounds of butterfat in 2,808 days, Breezy Glen Ivanhoe Neda 4954610 (GP), 100,590 pounds of milk and 3,992 pounds of butterfat in 2,960 days All are owned by Donald S Eby, Breezy Glen Farm, Gordonville

Fultonway Sovereign Blossom 3876811 (VG), 131,496 pounds of milks and 5,460 pounds of butterfat in 4,150 days, Fultonway Lucifer Daisy 4520847 (GP), 123,076 pounds of milk and 5,123 pounds of butterfat in 2,899 days, Fultonway Ivanhoe Lady 5345698 (VG), 110,004 pounds of milk and 5,460 pounds of butterfat in 2,533 days All are owned by J Mowery Frey & Son, Fultonway Farms, Lancaster

Groffdale Reflection Delight 5369916 (EX), 115,663 pounds of milk and 4,290 pounds of butterfat in 2,533 days, Groffdale Reflection Ina 5369917 (GP), 107,462 pounds of milk and 4,121 pounds of butterfat in 2,442 days Both are owned by Robert C Groff, Groffdale Farm, Quarryville.

Corncroft Fancy R A Burke 3999431 (GP), 148,338 pounds of milk and 6,752 pounds of butterfat in 4,424 days Henket Reflection Dee 5397057 (GP), 106 872 pounds of milk and 4,670 pounds of butterfat in 2,259 days. Henket Dean Fess 5426631 (GP), 102,195 pounds of milk and 4,007 pounds of butterfat in 2,228 days All are owned by Henry E Kettering, Lititz

Trout Spring Lad Beets Becky 5199346 (GP), 108,720 pounds of milk and 4,057 pounds of butterfat in 2,625 days She is owned by John E Kreider, Lancaster.

Blossomelle Gay Dorinda 4792596 (GP), 105,713 pounds of milk and 4,929 pounds of butterfat in 3,265 days She is owned by Herbert & Rhelda E Royer, Lancaster

Valley Run Regal Hazel 4821274 (GP), 108,460 pounds of milk and 5 573 pounds of butterfat in 3,296 days She is owned by Arthur D & Mary K Wenger, Manheim

The 2,944th yearly production record exceeding a half ton of butterfat has been completed by a Registered Holstein cow, Haltog Osborndale Lauxmont 5321779 (VG), owned by J Mowery Frey & Son.

The Pennsylvania Holstein's official record of production totalled 23,639 pounds of milk and 1,064 pounds of butterfat in 365 days She started her lactation at the age of 9 years 6 daily months and was milked twice

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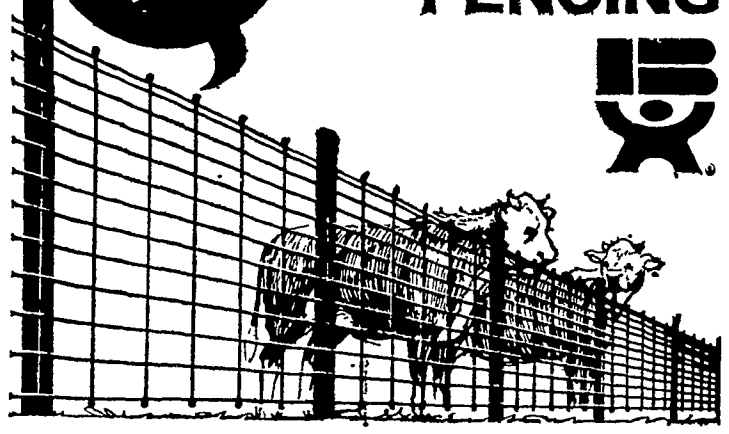

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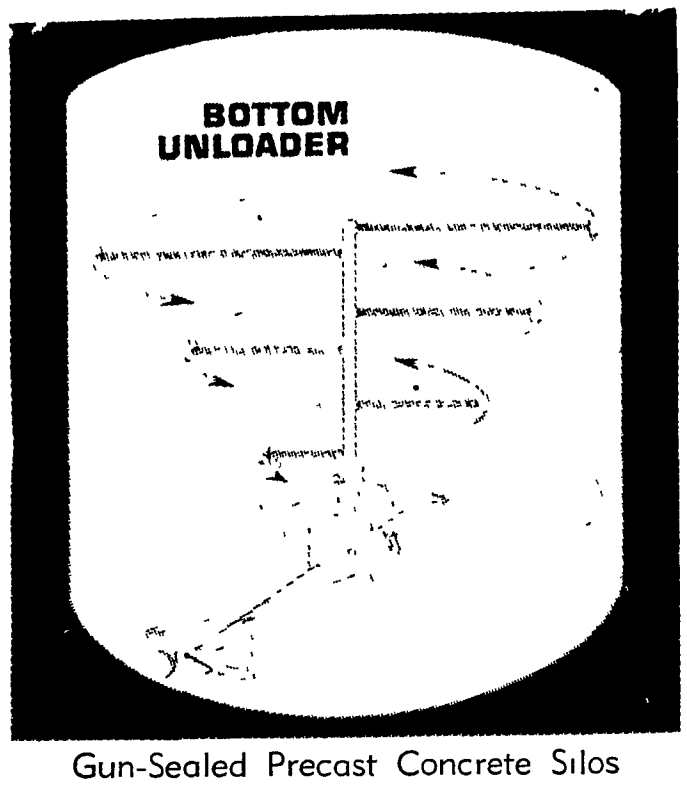

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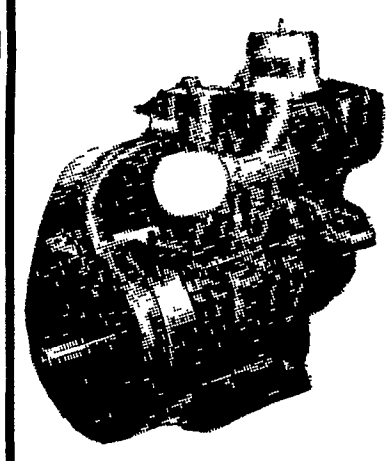

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New Automatic Milking System Developed

A milking system that does about everything automatically but attach the milking machine to the cow's udder has been developed at Michigan State University.

The innovation features electronic gates, automatic machine removal when a cow has finished milking and a parlor arrangement that lends itself to continuous "batch" handling

Developers (dairy specialists Dennis Armstrong and the late Woody Snyder and agricultural engineers John Garrish and William Bickert) believe the system is so effective in saving time and eliminating lost motion from milking chores the dairymen can increase the size of their herds without spending more time in the milking parlor or adding extra labor

The new milking parlor design involves a system of more stalls, larger milking parlors and a "batch" system of handling cows

A variation of such a design would be a four-sided parlor with six stalls on each side

Using automatic gates and machines, the operator would move in a counter clockwise direction around the barn

As the electronic gate to the milking parlor opens to admit a specific number of cows (six with the four sided parlor) only the feed bowl farthest from the gate is uncovered

The first cow automatically heads for that bowl, there's no stopping to sample grain or protein feed from each feeder that she passes As the first cow nears the feed bowl, she triggers a switch that uncovers the second feed bowl The second cow steps on a switch uncovering the third bowl, and so on until all six cows are in place

The sixth cow triggers a floor switch that closes the rear gate

When the cows are in place, equipment starts up automatically to wash and stimulate udders Then the milking pit operator goes about his normal job of checking the cows, drying udders, and attaching the teat cups

Because of the parlor design and distance between animals, this phase of the milking job takes less time

Each milking machine contains a conductivity cell that monitors milk flow. When the milk flow stops, the milking machine automatically detaches itself.

When the last cow has been milked, similar cells signal for the refilling of the feed bowls and the opening of the front gate After this last cow leaves the parlor, the process starts over again for the next six cows.

Various parlor designs are possible, such as four groups of six cows, five groups of five cows four groups of five cows, or some other arrangement to fit a specific herd

Advantages of the system include features which can operate independently If a dairyman already has a modern milking parlor, he can put in only the automatic gates and feed bowl covers or add the milker detachment features to his present milking machines

Only time will tell if this is a step toward the "dairy of tomorrow"

The June edition of Electricity on the Farm, a Reuben H. Donnelley publication with emphasis on livestock mechanization, carries this article on a new milk parlor which emphasizes automation and efficiency and minimizes labor

Lanchester Pony Club Picks Representatives

Wendell Lane, Red Bird Farm, Elkton, Md., and Ralph Hill, Hill-View Farms, Lincoln University, will represent Lanchester Pony Club at the National Pony Club Rally to be held August 3 to 6 in Hamilton, Mass.

Advanced riders from Pony Clubs throughout the country will compete in dressage, cross-country and stadium jumping, written examinations, and stable management

At the regional rally near Reading recently, hosted by Berks Pony Club, the Lanchester Pony Club "C-2" team placed first in a field of seven teams. Team members were Judy Higginbotham, team captain, Mary Beth Little, and Patti Hassler, all of Quarryville, and Nancy Henkel, Strasburg The stable manager for the team was Laura Lane, Elkton, Md

In the "C-1" team competition, the Lanchester Pony Club was second in a field of six teams. Pixie Waters Refton, was captain of the team Team members were Sally Lane, Elkton, Md., Wendy Maury, Newark, Del., and Patti Yarnall, Oxford The stable manager was Kathy Myer, Kirkwood

● Have You Heard

(Continued from Page 21)

lent birds for indoor or outdoor eating The busy bees rang up a record production of 283 million pounds of honey last year.

Summer's fresh vegetables include many items, but the most plentiful will be cabbage, carrots, cucumbers, celery and lettuce for crisp, cool salads

Who doesn't smile broadly over delicious, lip smacking watermelon? July food stores will see good shipments of this colorful fruit And for the long hot days to come there will be excellent supplies of fresh and processed lemons and limes to quench the thirst

Delicious fresh peaches and fresh plums will be another delight for menu-planning housewives and their guests

Winding up the list is rice, so good to include in nearly any meal The total supply, around August 1, may be the third largest on record

Facts About Farming

The Average American, according to a recent survey, is five feet four inches tall, weighs 130 pounds takes in approximately 3 000 calories a day and wants to reduce However there's only one chance in four that she will

Pigs were probably on this planet 39 million years before man came on the scene Primitive man began to adapt the wild hog to his needs between 7000 and 3000 B C

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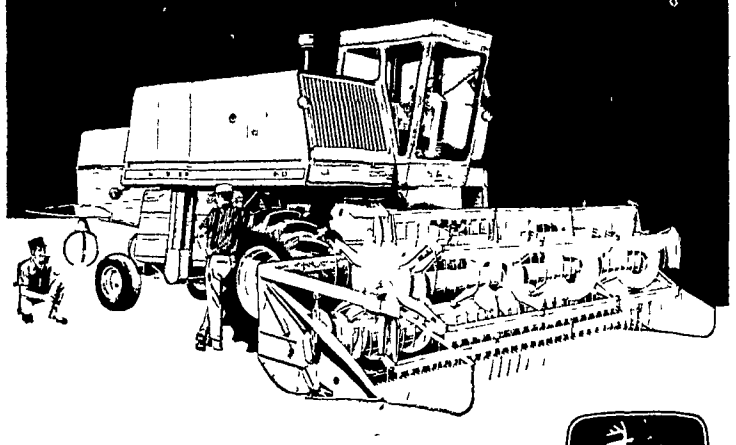

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